

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024524.D
 Acq On : 05 May 2025 13:59
 Operator : RC/JU
 Sample : PB167836BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167836BS

Quant Time: May 05 14:24:42 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	7.710	152	155374	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	617500	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	391114	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	761966	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	876116	20.000	ng	0.00
86) Perylene-d12	24.939	264	1058529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1196577	127.337	ng	-0.01
7) Phenol-d6	6.899	99	1480976	115.099	ng	-0.01
23) Nitrobenzene-d5	8.857	82	909551	83.990	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	820508	151.629	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2140635	83.800	ng	-0.01
79) Terphenyl-d14	19.869	244	3810818	87.674	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	130788	32.905	ng	# 94
3) Pyridine	3.669	79	342343	32.618	ng	91
4) n-Nitrosodimethylamine	3.581	42	159864	45.895	ng	# 74
6) Aniline	7.046	93	358518	31.181	ng	97
8) 2-Chlorophenol	7.287	128	461335	43.972	ng	99
9) Benzaldehyde	6.863	77	194703	30.590	ng	99
10) Phenol	6.928	94	536579	41.571	ng	93
11) bis(2-Chloroethyl)ether	7.140	93	392094	37.702	ng	98
12) 1,3-Dichlorobenzene	7.599	146	474651	42.023	ng	99
13) 1,4-Dichlorobenzene	7.746	146	480666	41.943	ng	100
14) 1,2-Dichlorobenzene	8.057	146	463162	41.854	ng	98
15) Benzyl Alcohol	7.952	79	378601	45.499	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.234	45	449705	40.006	ng	100
17) 2-Methylphenol	8.157	107	371424	44.482	ng	97
18) Hexachloroethane	8.775	117	180531	43.590	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	304060	38.197	ng	94
20) 3+4-Methylphenols	8.481	107	507795	43.829	ng	97
22) Acetophenone	8.528	105	637314	41.699	ng	# 97
24) Nitrobenzene	8.899	77	460316	42.968	ng	98
25) Isophorone	9.422	82	842301	42.971	ng	97
26) 2-Nitrophenol	9.604	139	246739	47.064	ng	# 94
27) 2,4-Dimethylphenol	9.669	122	418270	63.540	ng	98
28) bis(2-Chloroethoxy)met...	9.899	93	526831	39.786	ng	99
29) 2,4-Dichlorophenol	10.146	162	418991	46.681	ng	97
30) 1,2,4-Trichlorobenzene	10.346	180	427836	44.489	ng	98
31) Naphthalene	10.528	128	1324775	40.728	ng	100
32) Benzoic acid	9.828	122	309994	40.414	ng	98
33) 4-Chloroaniline	10.646	127	203083	17.729	ng	98
34) Hexachlorobutadiene	10.816	225	271858	48.107	ng	99
35) Caprolactam	11.440	113	143986	43.476	ng	98
36) 4-Chloro-3-methylphenol	11.781	107	473668	45.307	ng	99
37) 2-Methylnaphthalene	12.140	142	846327	37.517	ng	98
38) 1-Methylnaphthalene	12.369	142	886967	40.192	ng	100
40) 1,2,4,5-Tetrachloroben...	12.516	216	480361	44.661	ng	99
41) Hexachlorocyclopentadiene	12.492	237	670149	176.170	ng	99
43) 2,4,6-Trichlorophenol	12.763	196	339421	47.465	ng	98

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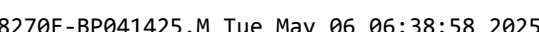
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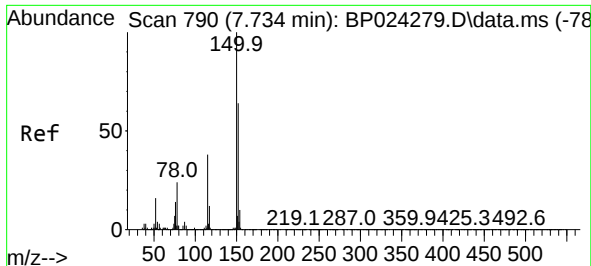
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	374663	47.313	ng	99
46) 1,1'-Biphenyl	13.163	154	1210978	42.123	ng	98
47) 2-Chloronaphthalene	13.210	162	925091	43.054	ng	97
48) 2-Nitroaniline	13.416	65	289004	47.951	ng	94
49) Acenaphthylene	14.057	152	1553928	45.935	ng	99
50) Dimethylphthalate	13.798	163	1230208	43.252	ng	99
51) 2,6-Dinitrotoluene	13.916	165	275476	45.611	ng	91
52) Acenaphthene	14.404	154	886821	41.350	ng	100
53) 3-Nitroaniline	14.257	138	138981	21.894	ng	96
54) 2,4-Dinitrophenol	14.469	184	363876	102.279	ng	89
55) Dibenzofuran	14.745	168	1422679	40.583	ng	96
56) 4-Nitrophenol	14.586	139	521998	95.215	ng	91
57) 2,4-Dinitrotoluene	14.722	165	396142	48.082	ng	98
58) Fluorene	15.410	166	1153162	42.493	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.986	232	341287	46.729	ng	99
60) Diethylphthalate	15.181	149	1231042	42.000	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	563774	42.781	ng	99
62) 4-Nitroaniline	15.445	138	287116	42.726	ng	88
63) Azobenzene	15.704	77	1073041	39.831	ng	97
65) 4,6-Dinitro-2-methylph...	15.504	198	230143	47.907	ng	96
66) n-Nitrosodiphenylamine	15.622	169	1020809	44.885	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	387884	46.545	ng	100
68) Hexachlorobenzene	16.439	284	480161	48.489	ng	97
69) Atrazine	16.604	200	384613	66.399	ng	98
70) Pentachlorophenol	16.792	266	677371	98.053	ng	99
71) Phenanthrene	17.186	178	1820467	43.796	ng	99
72) Anthracene	17.280	178	1864164	46.532	ng	99
73) Carbazole	17.563	167	1771505	45.256	ng	99
74) Di-n-butylphthalate	18.151	149	2239523	45.922	ng	100
75) Fluoranthene	19.274	202	2183612	44.169	ng	97
77) Benzidine	19.469	184	849820	76.522	ng	99
78) Pyrene	19.651	202	2262502	40.635	ng	99
80) Butylbenzylphthalate	20.604	149	1085550	45.519	ng	99
81) Benzo(a)anthracene	21.574	228	2437272	44.757	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	533046	27.889	ng	100
83) Chrysene	21.639	228	2266044	43.435	ng	100
84) Bis(2-ethylhexyl)phtha...	21.510	149	1591637	45.527	ng	100
85) Di-n-octyl phthalate	22.780	149	2791472	49.115	ng	100
87) Indeno(1,2,3-cd)pyrene	28.727	276	3415216	46.473	ng	97
88) Benzo(b)fluoranthene	23.880	252	2747246	43.298	ng	# 97
89) Benzo(k)fluoranthene	23.951	252	2648737	43.218	ng	# 98
90) Benzo(a)pyrene	24.780	252	2622034	47.908	ng	# 97
91) Dibenzo(a,h)anthracene	28.797	278	2821392	46.255	ng	98
92) Benzo(g,h,i)perylene	29.903	276	2728716	43.950	ng	95

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

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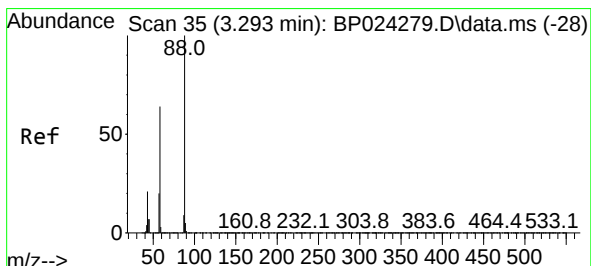
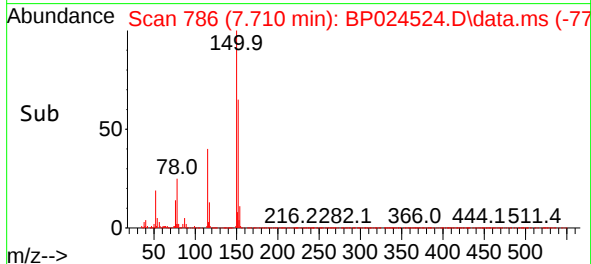
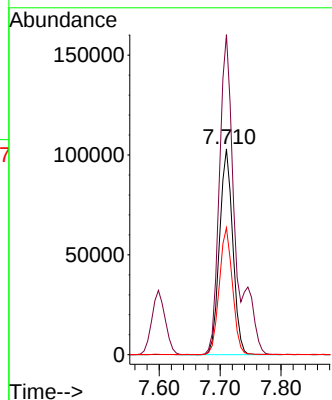
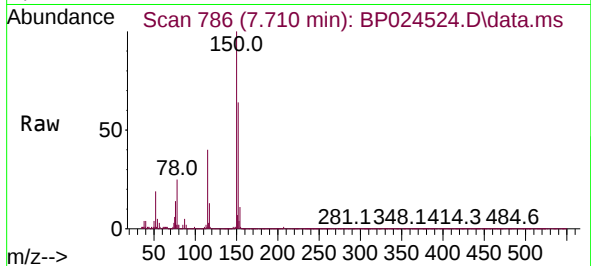




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024524.D
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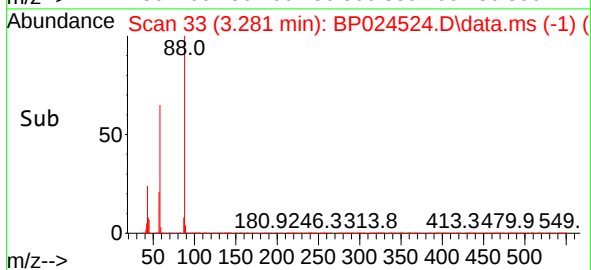
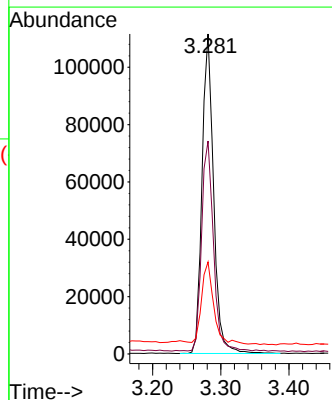
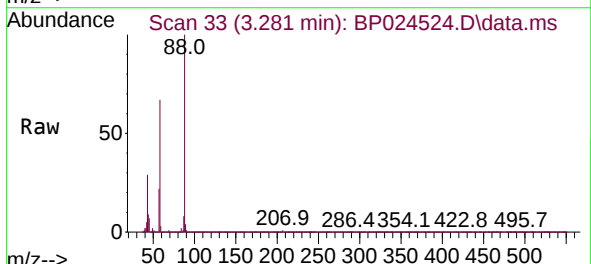
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Tgt Ion:152 Resp: 155374
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.9 187.3
 115 61.6 47.7 71.5



#2
 1,4-Dioxane
 Concen: 32.905 ng
 RT: 3.281 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: BP024524.D
 Acq: 05 May 2025 13:59

Tgt Ion: 88 Resp: 130788
 Ion Ratio Lower Upper
 88 100
 58 67.1 51.4 77.2
 43 28.5 17.1 25.7#

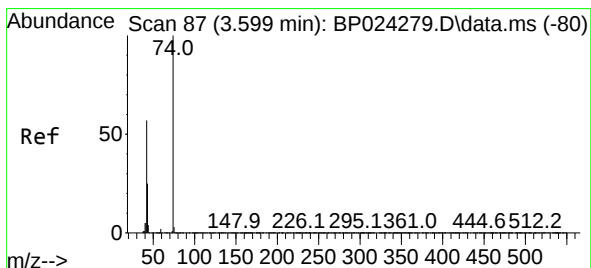
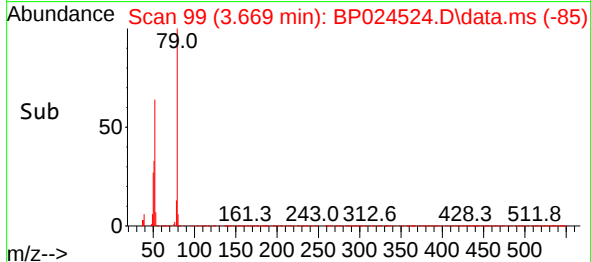
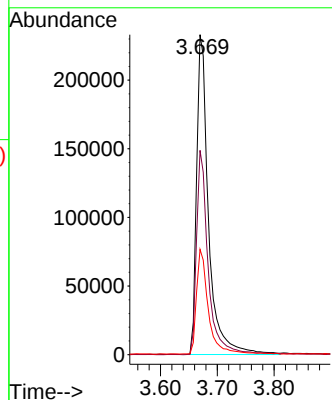
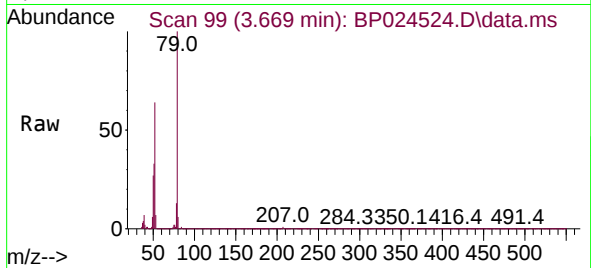




#3
 Pyridine
 Concen: 32.618 ng
 RT: 3.669 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: BP024524.D
 Acq: 05 May 2025 13:59

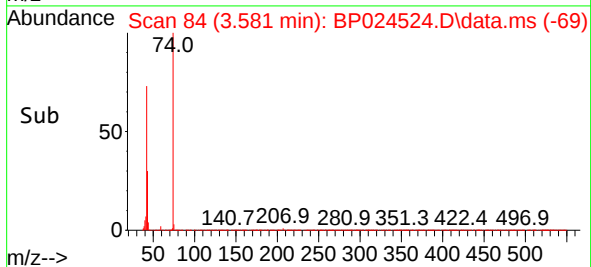
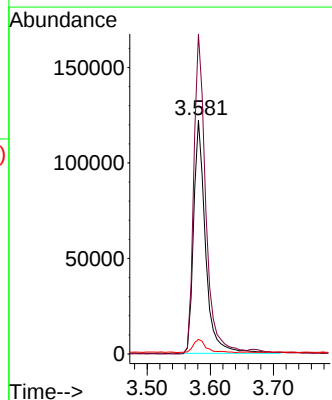
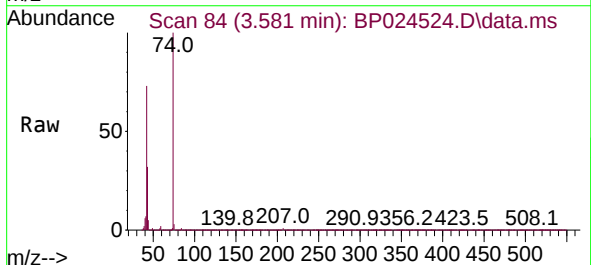
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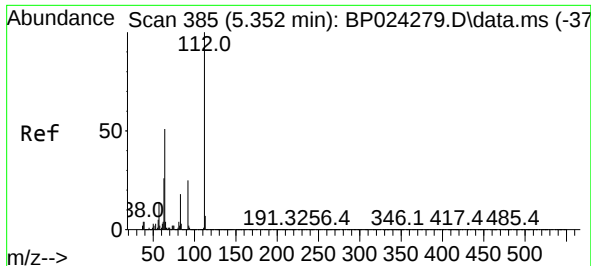
Tgt Ion: 79 Resp: 342343
 Ion Ratio Lower Upper
 79 100
 52 63.8 45.4 68.2
 51 32.9 22.6 33.8



#4
 n-Nitrosodimethylamine
 Concen: 45.895 ng
 RT: 3.581 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BP024524.D
 Acq: 05 May 2025 13:59

Tgt Ion: 42 Resp: 159864
 Ion Ratio Lower Upper
 42 100
 74 136.9 139.5 209.3#
 44 6.2 5.8 8.8

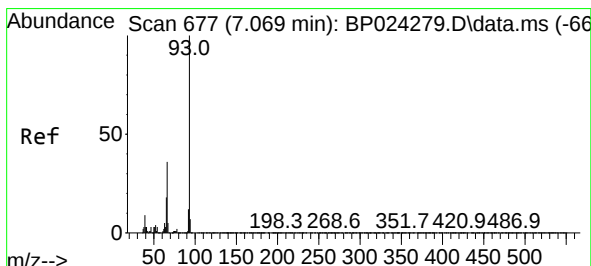
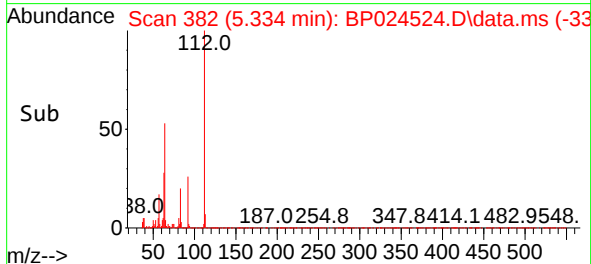
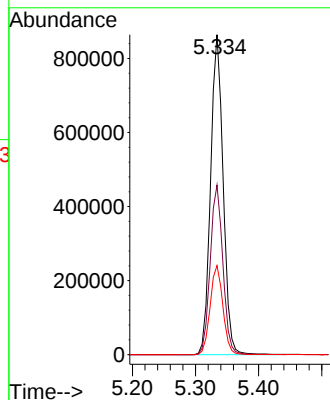
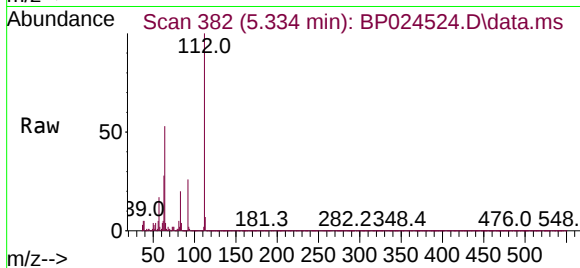




#5
2-Fluorophenol
Concen: 127.337 ng
RT: 5.334 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

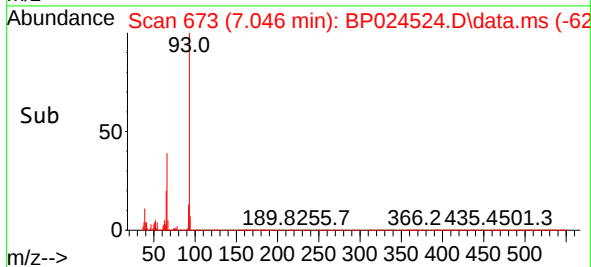
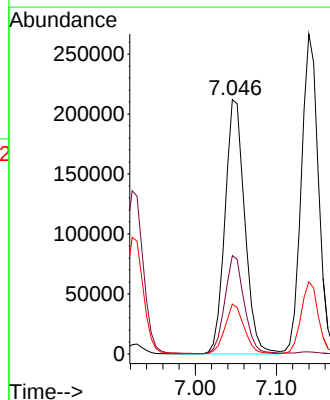
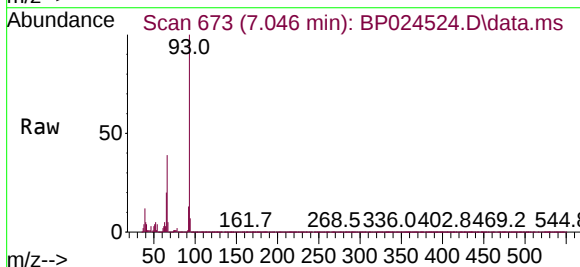
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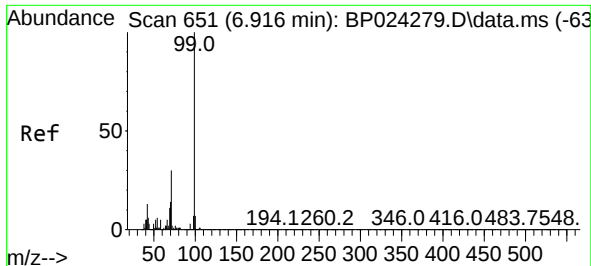
Tgt Ion:112 Resp: 1196577
Ion Ratio Lower Upper
112 100
64 53.0 41.1 61.7
63 27.9 20.6 30.8



#6
Aniline
Concen: 31.181 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion: 93 Resp: 358518
Ion Ratio Lower Upper
93 100
66 38.7 29.1 43.7
65 19.6 14.7 22.1

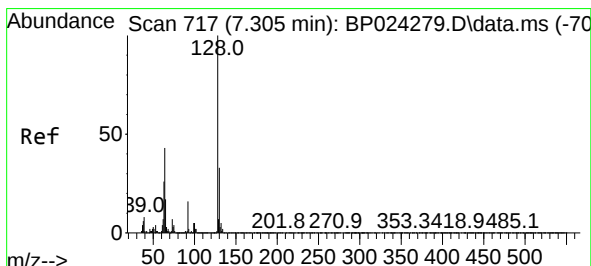
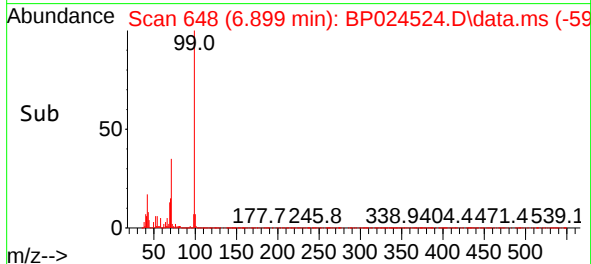
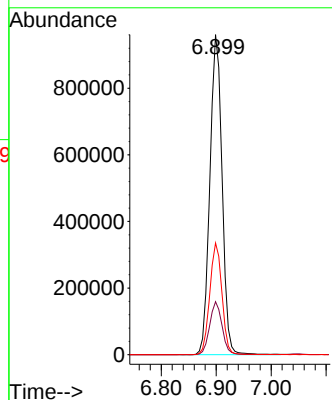
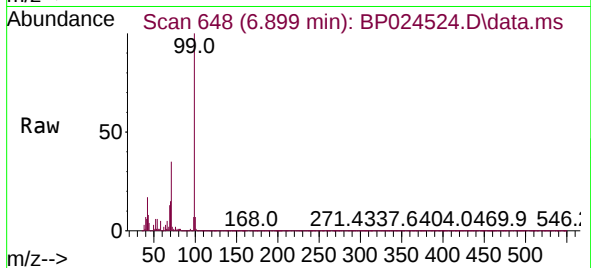




#7
Phenol-d6
Concen: 115.099 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

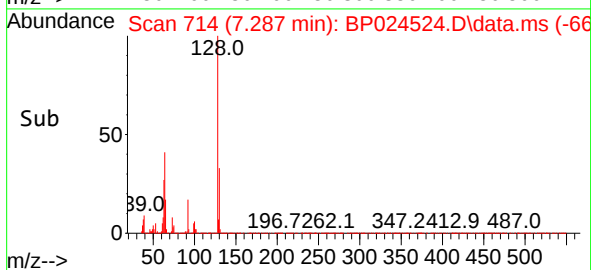
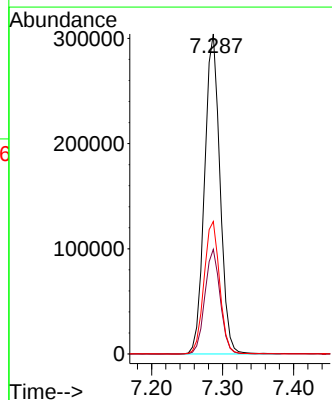
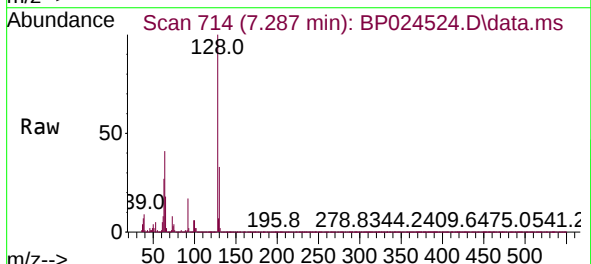
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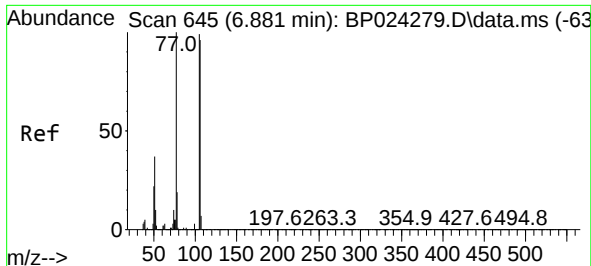
Tgt Ion: 99 Resp: 1480976
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 34.9 23.7 35.5



#8
2-Chlorophenol
Concen: 43.972 ng
RT: 7.287 min Scan# 714
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion: 128 Resp: 461335
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 41.4 22.7 62.7

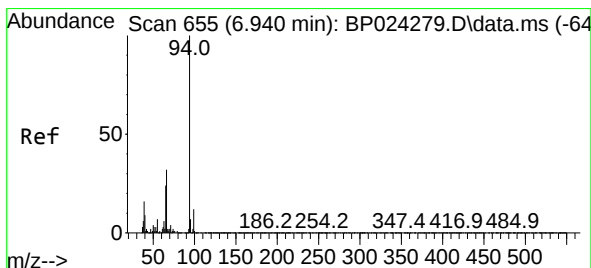
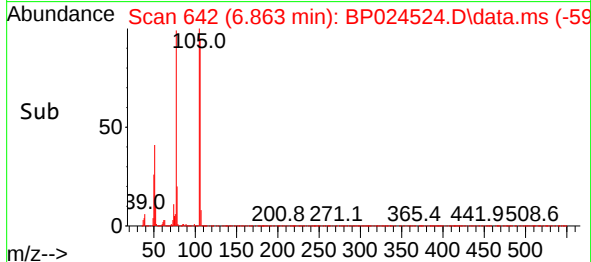
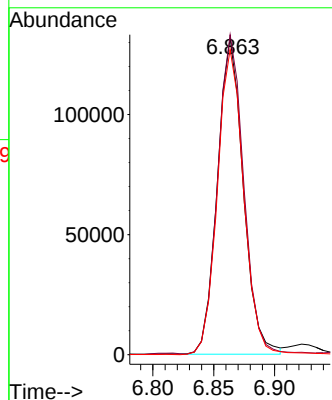
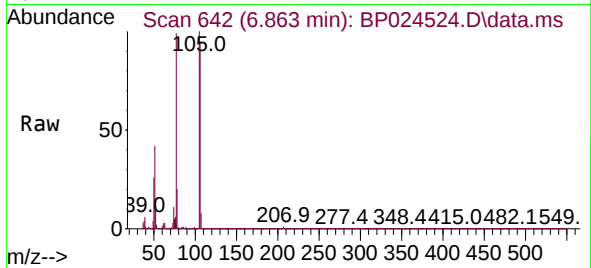




#9
Benzaldehyde
Concen: 30.590 ng
RT: 6.863 min Scan# 645
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

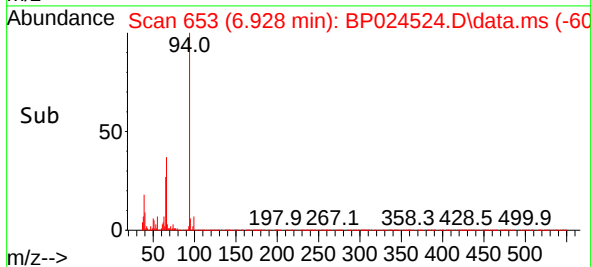
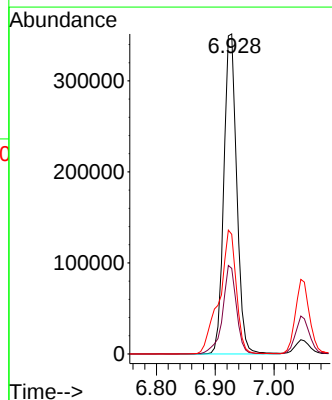
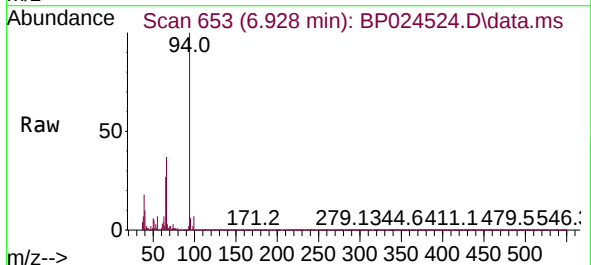
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ClientSampleId :
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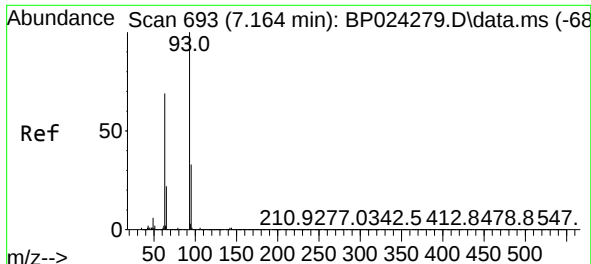
Tgt Ion: 77 Resp: 194703
Ion Ratio Lower Upper
77 100
105 101.1 79.2 119.2
106 96.4 76.2 116.2



#10
Phenol
Concen: 41.571 ng
RT: 6.928 min Scan# 653
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion: 94 Resp: 536579
Ion Ratio Lower Upper
94 100
65 26.8 4.5 44.5
66 37.4 12.4 52.4

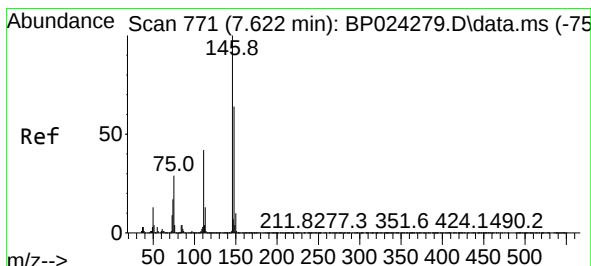
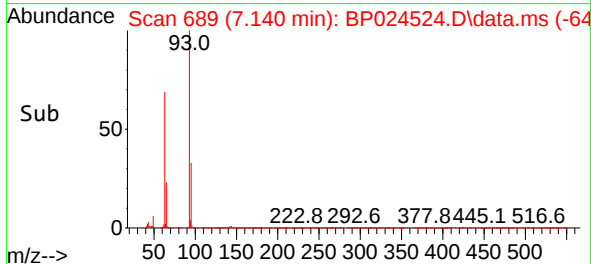
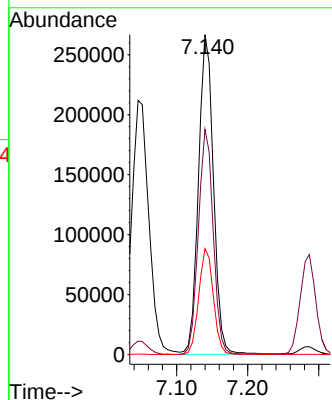
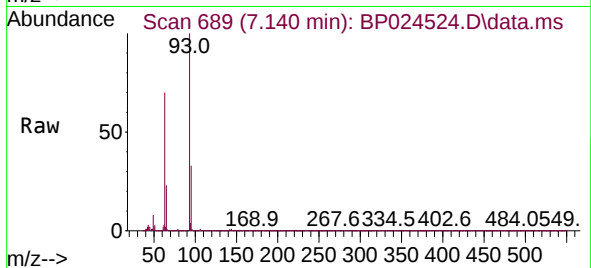




#11
bis(2-Chloroethyl)ether
Concen: 37.702 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

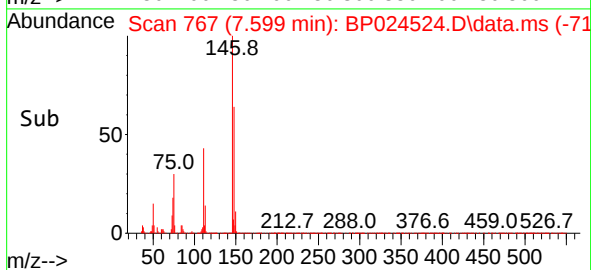
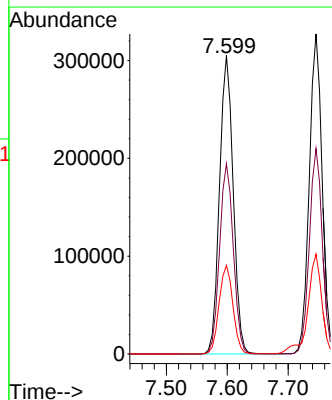
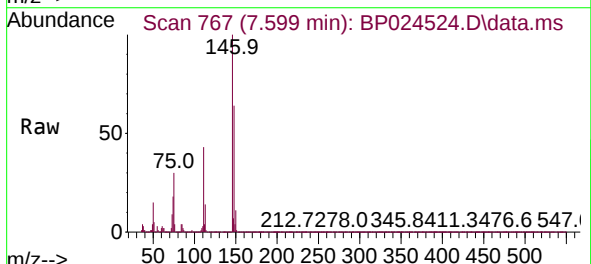
Instrument :
BNA_P
ClientSampleId :
PB167836BS

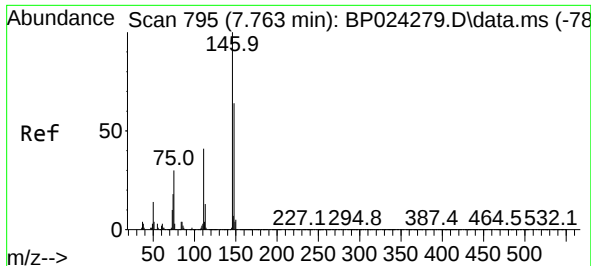
Tgt Ion: 93 Resp: 392094
Ion Ratio Lower Upper
93 100
63 70.4 48.6 88.6
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.023 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion: 146 Resp: 474651
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
75 29.7 22.9 34.3

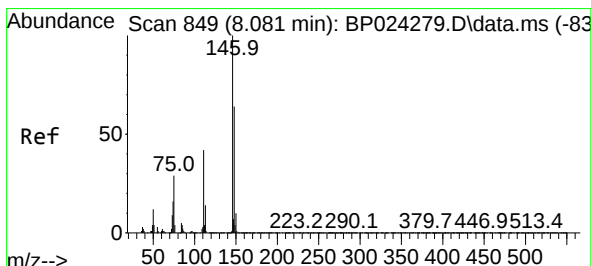
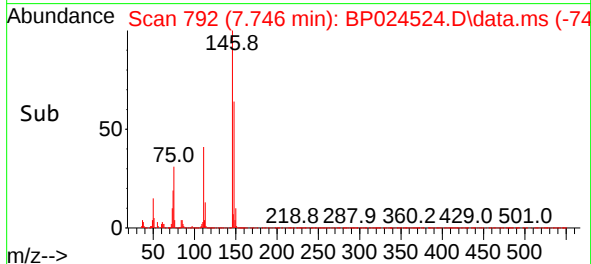
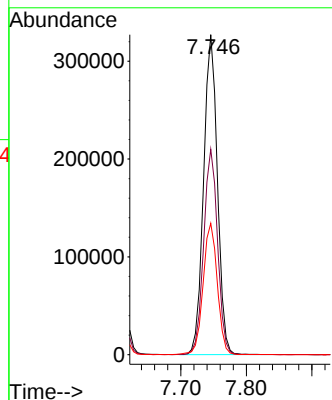
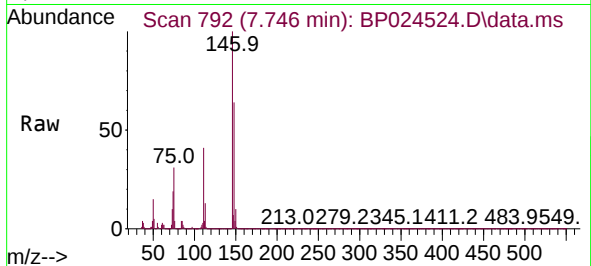




#13
1,4-Dichlorobenzene
Concen: 41.943 ng
RT: 7.746 min Scan# 791
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

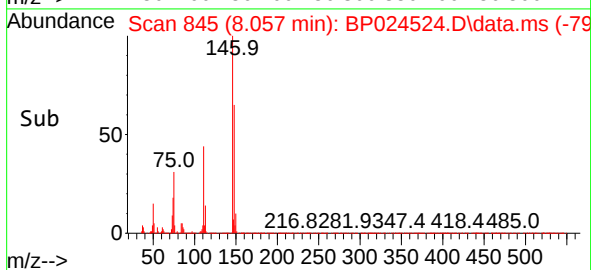
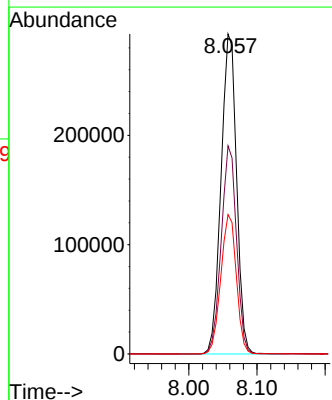
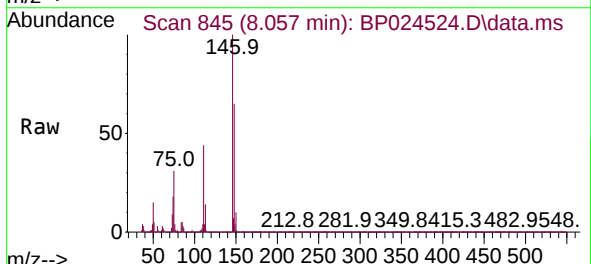
Instrument :
BNA_P
ClientSampleId :
PB167836BS

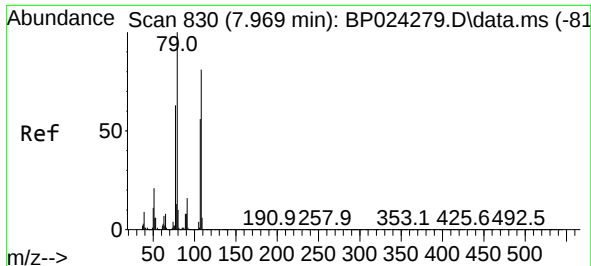
Tgt Ion:146 Resp: 480666
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 41.1 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 41.854 ng
RT: 8.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:146 Resp: 463162
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.4
111 43.5 33.8 50.8

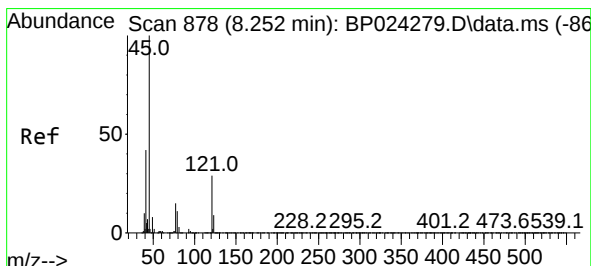
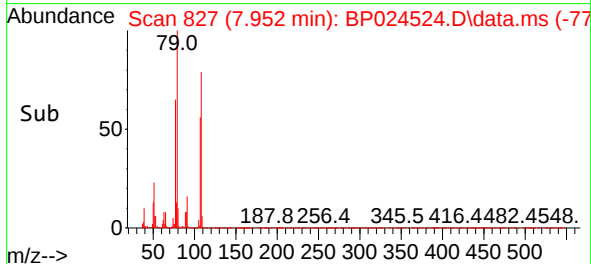
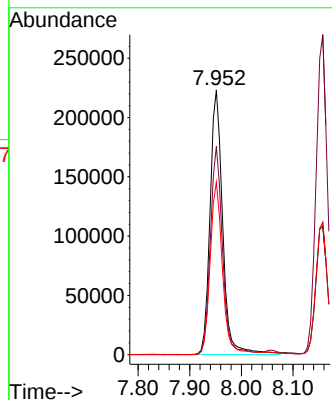
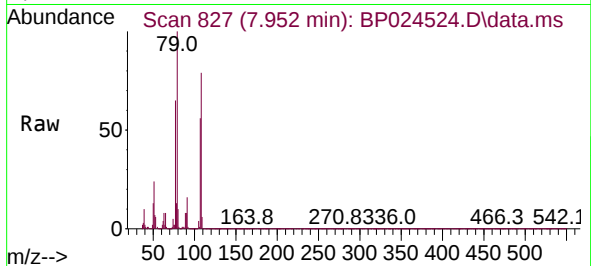




#15
Benzyl Alcohol
Concen: 45.499 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

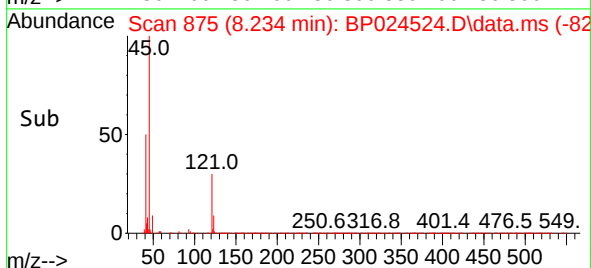
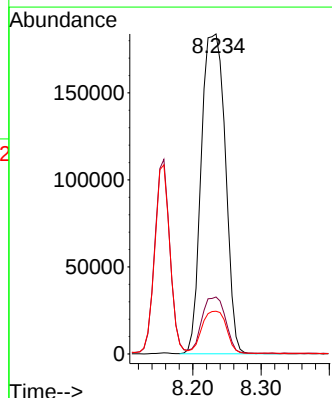
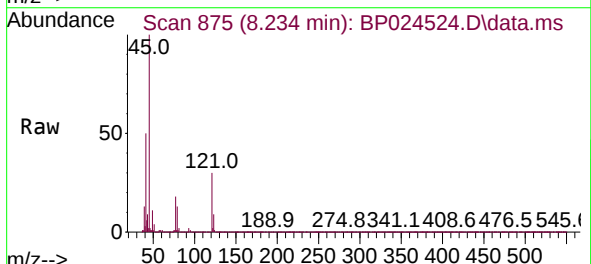
Instrument :
BNA_P
ClientSampleId :
PB167836BS

Tgt Ion: 79 Resp: 378601
Ion Ratio Lower Upper
79 100
108 78.7 65.1 97.7
77 65.2 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.006 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion: 45 Resp: 449705
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 13.3 0.0 33.5

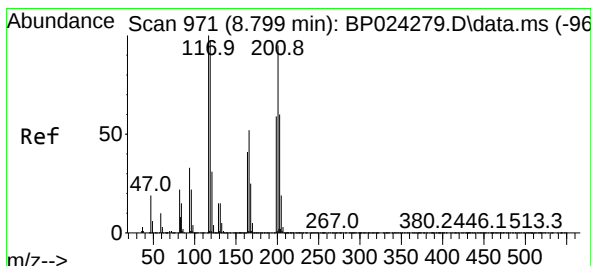
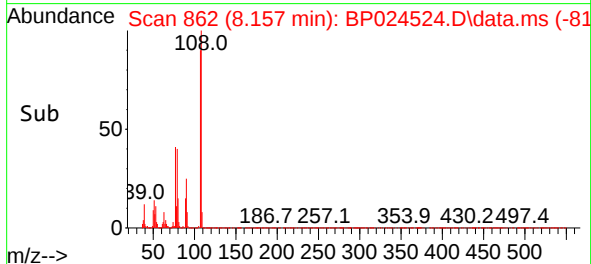
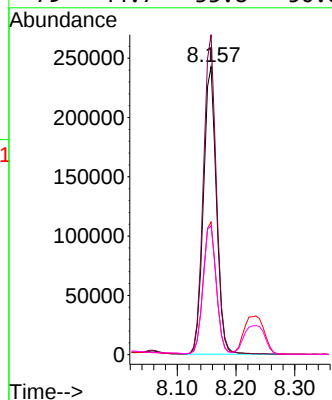
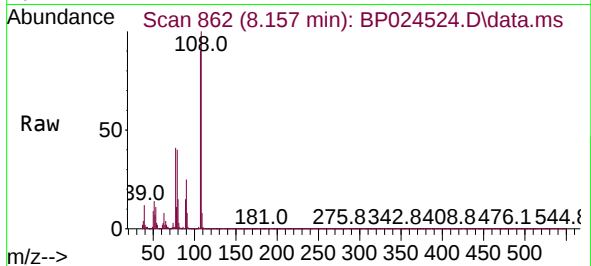




#17
2-Methylphenol
Concen: 44.482 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

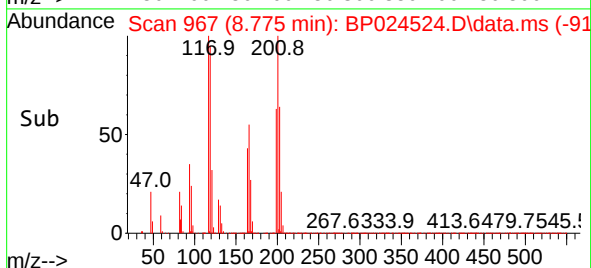
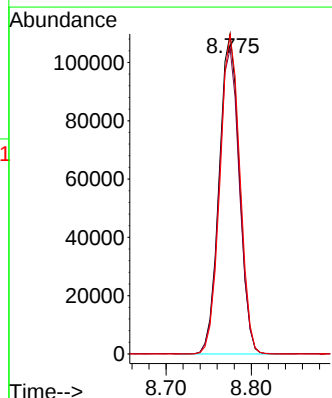
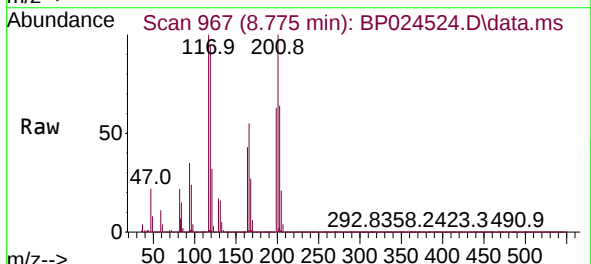
Instrument :
BNA_P
ClientSampleId :
PB167836BS

Tgt Ion:	107	Resp:	371424
Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.8	134.6
77	46.0	34.2	51.4
79	44.7	33.8	50.8



#18
Hexachloroethane
Concen: 43.590 ng
RT: 8.775 min Scan# 967
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:	117	Resp:	180531
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.6
201	99.8	75.9	113.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.197 ng

RT: 8.510 min Scan# 917

Delta R.T. -0.012 min

Lab File: BP024524.D

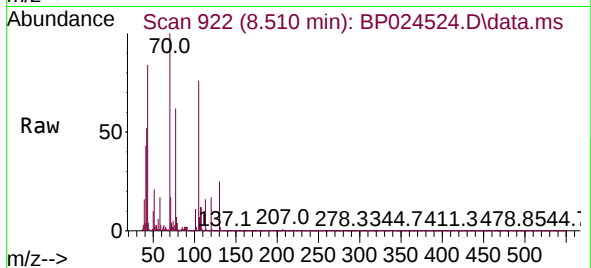
Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS



Tgt Ion: 70 Resp: 304060

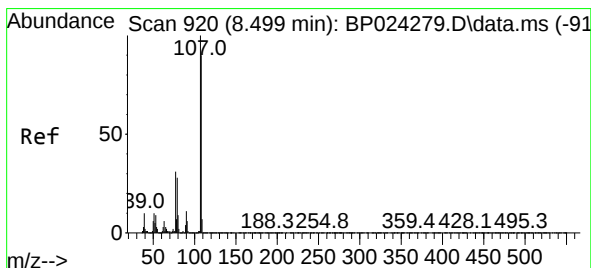
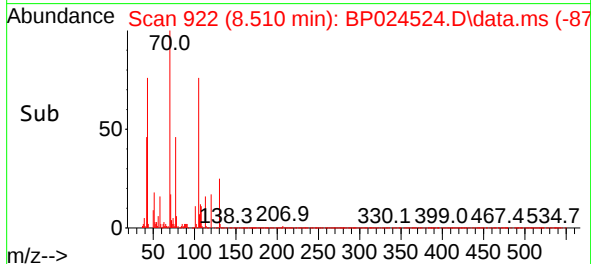
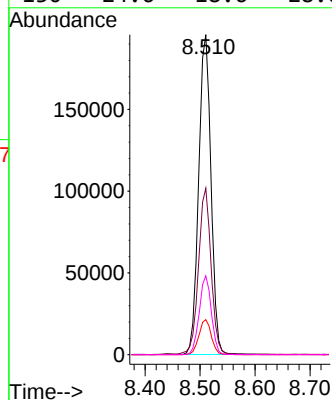
Ion	Ratio	Lower	Upper
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70	100		
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42	52.0	37.3	55.9
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101	11.0	8.2	12.4
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130	24.6	18.6	28.0
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#20

3+4-Methylphenols

Concen: 43.829 ng

RT: 8.481 min Scan# 917

Delta R.T. -0.012 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Tgt Ion: 107 Resp: 507795

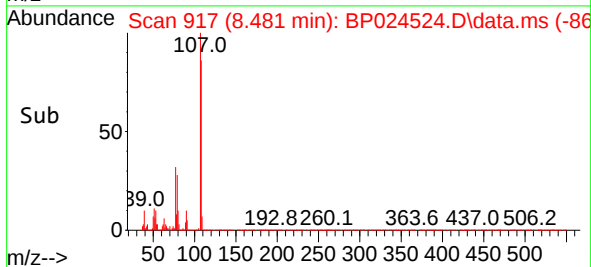
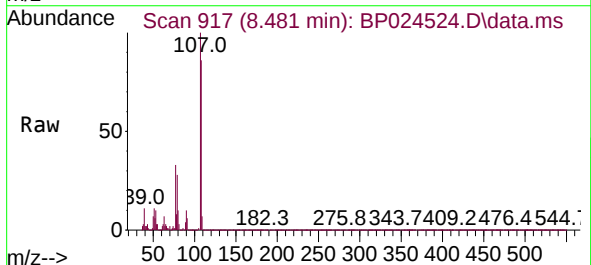
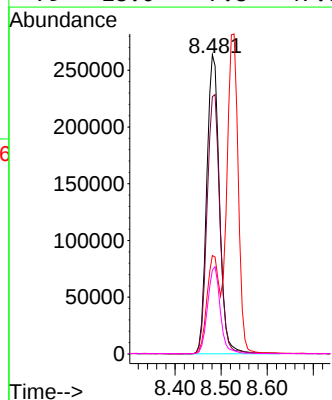
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

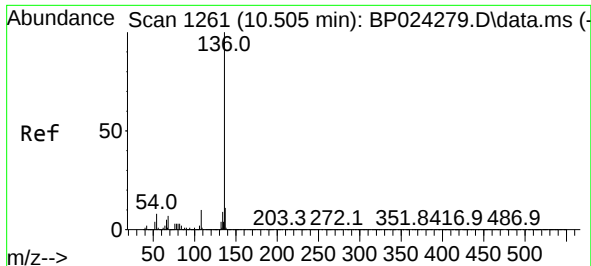
107	100		
-----	-----	--	--

108	86.0	69.8	109.8
-----	------	------	-------

77	32.9	11.5	51.5
----	------	------	------

79	28.0	7.8	47.8
----	------	-----	------

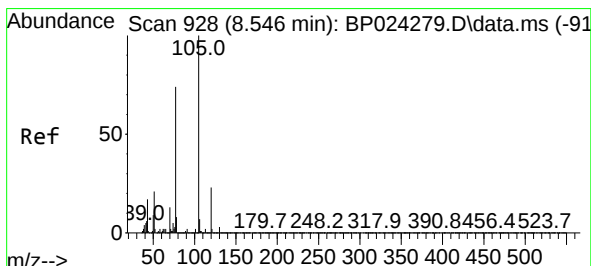
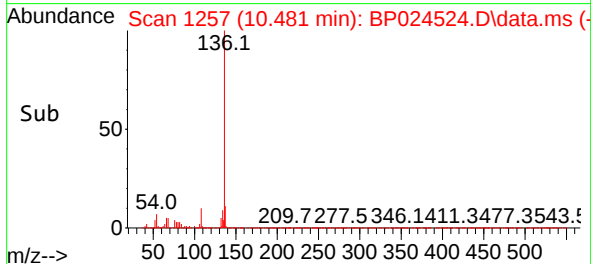
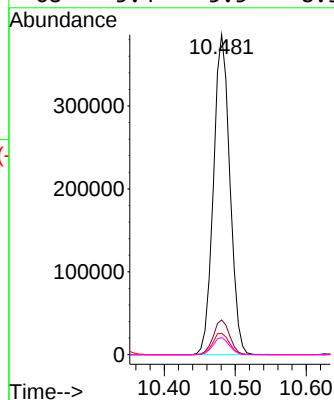
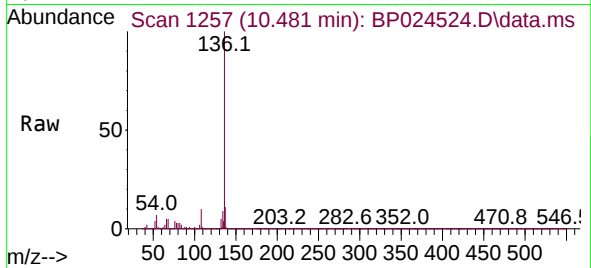




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

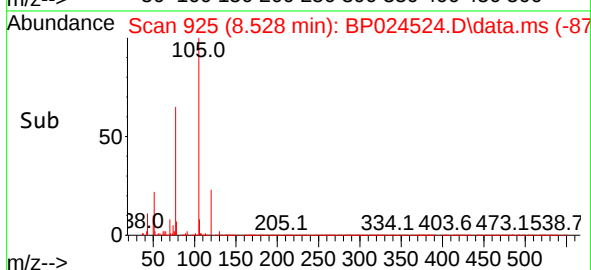
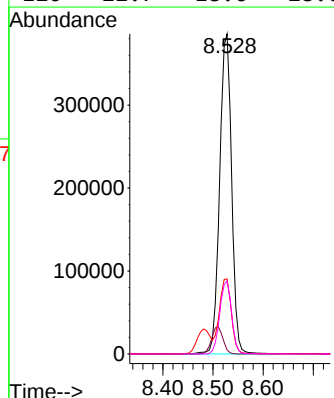
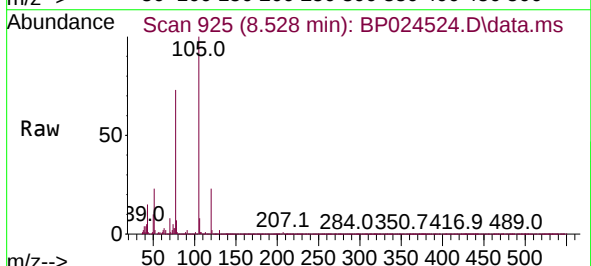
Instrument :
BNA_P
ClientSampleId :
PB167836BS

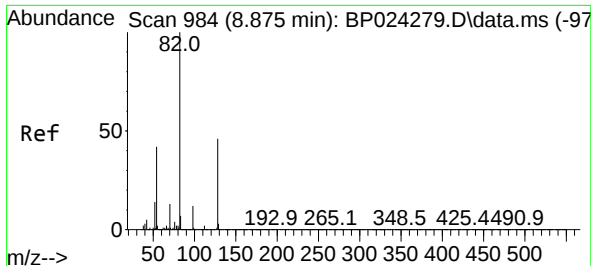
Tgt Ion:	136	Resp:	617500
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.6	6.0	9.0
68	5.4	5.5	8.3



#22
Acetophenone
Concen: 41.699 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:	105	Resp:	637314
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.7	2.5
51	23.5	16.9	25.3
120	22.7	18.6	28.0

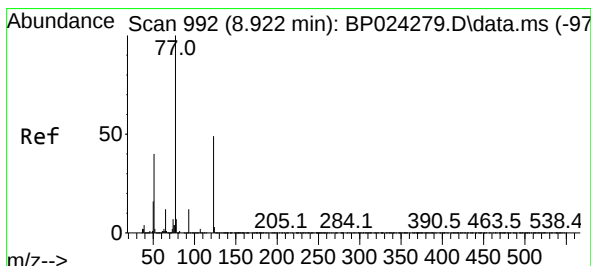
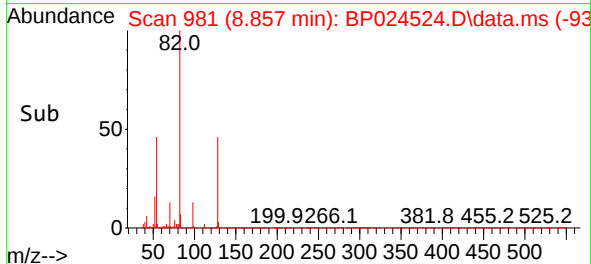
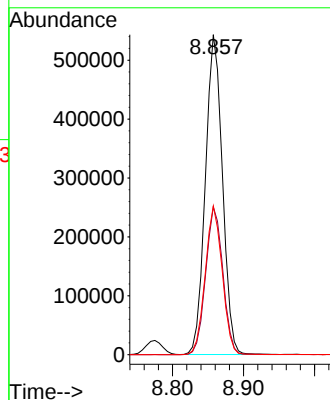
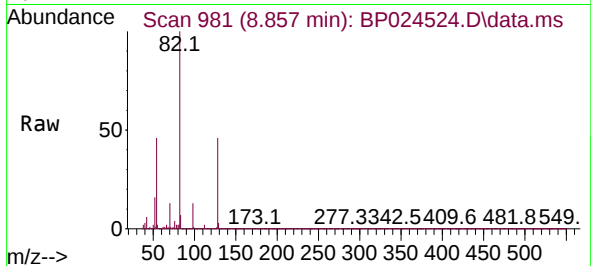




#23
Nitrobenzene-d5
Concen: 83.990 ng
RT: 8.857 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

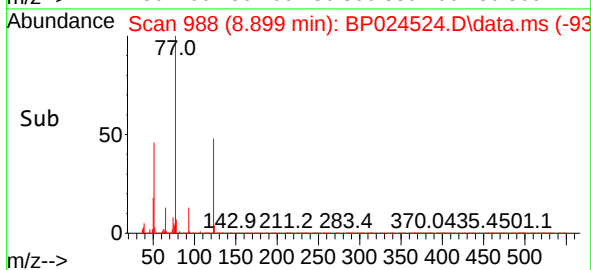
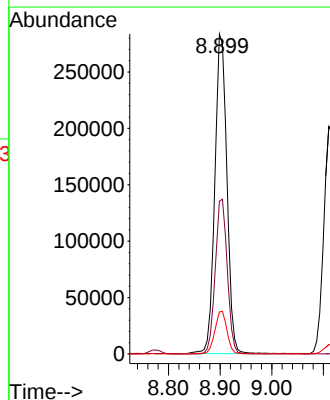
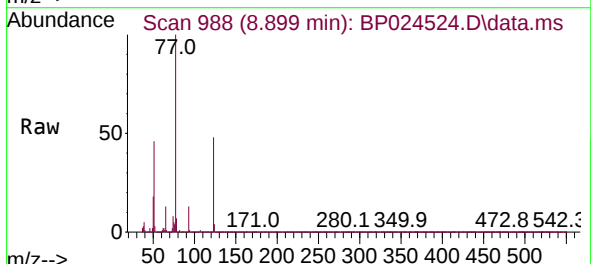
Instrument :
BNA_P
ClientSampleId :
PB167836BS

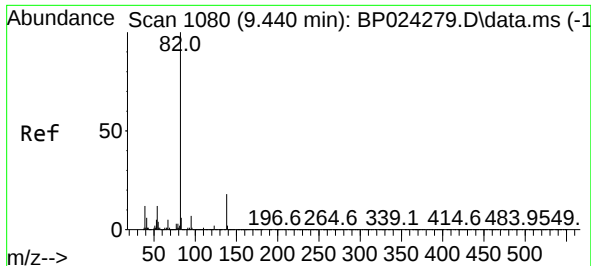
Tgt Ion: 82 Resp: 909551
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 46.5 33.4 50.2



#24
Nitrobenzene
Concen: 42.968 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion: 77 Resp: 460316
Ion Ratio Lower Upper
77 100
123 47.7 39.2 58.8
65 13.1 9.8 14.6

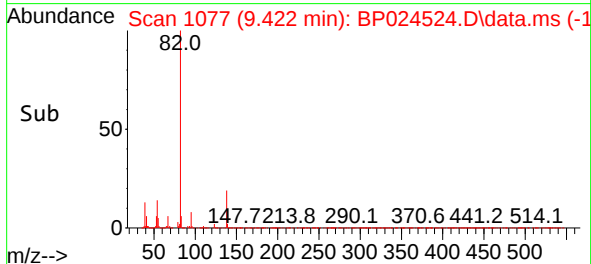
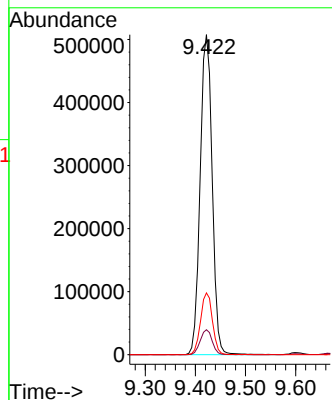
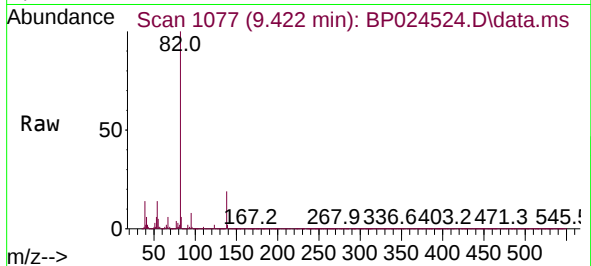




#25
Isophorone
Concen: 42.971 ng
RT: 9.422 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

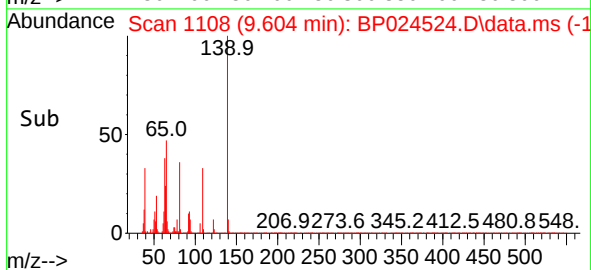
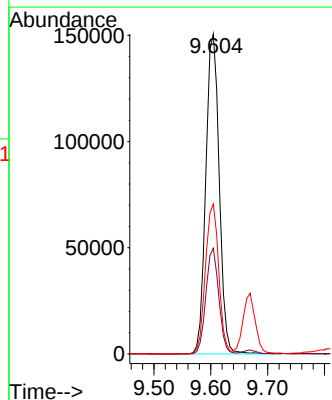
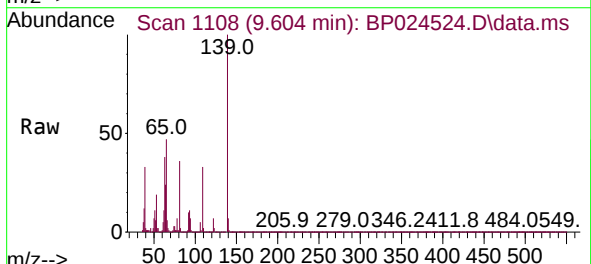
Instrument :
BNA_P
ClientSampleId :
PB167836BS

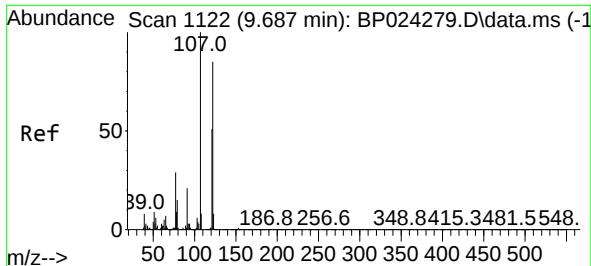
Tgt Ion: 82 Resp: 842301
Ion Ratio Lower Upper
82 100
95 7.8 5.4 8.2
138 19.3 14.4 21.6



#26
2-Nitrophenol
Concen: 47.064 ng
RT: 9.604 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion: 139 Resp: 246739
Ion Ratio Lower Upper
139 100
109 33.0 21.8 32.6#
65 46.9 36.2 54.2

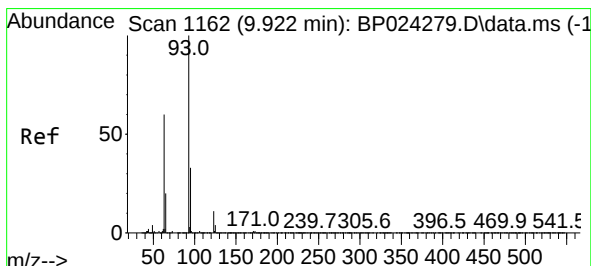
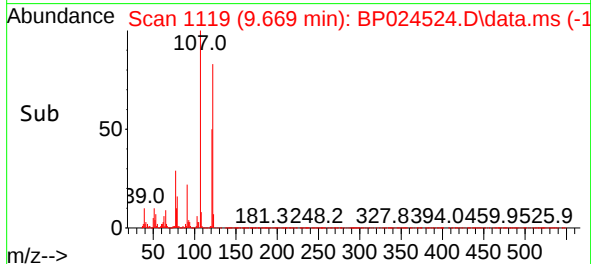
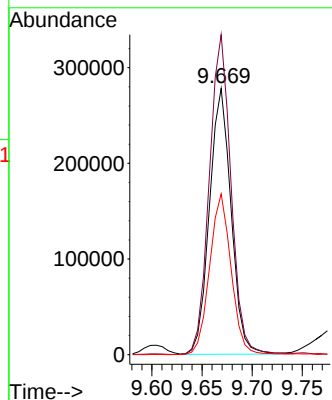
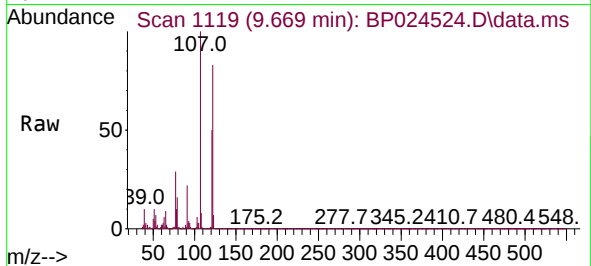




#27
2,4-Dimethylphenol
Concen: 63.540 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

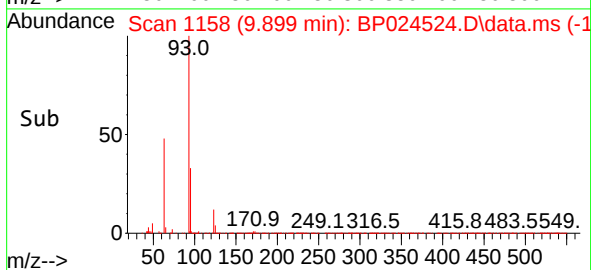
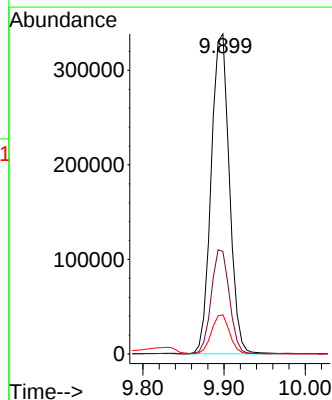
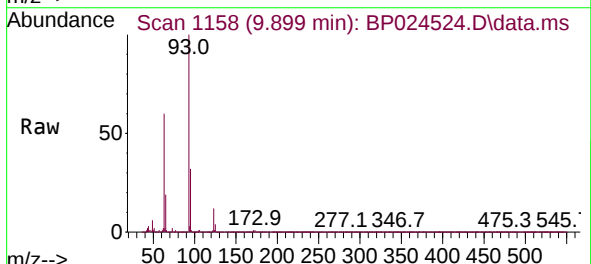
Instrument :
BNA_P
ClientSampleId :
PB167836BS

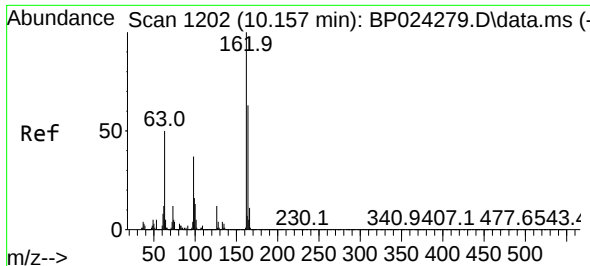
Tgt Ion:122 Resp: 418270
Ion Ratio Lower Upper
122 100
107 120.2 93.7 140.5
121 60.4 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 39.786 ng
RT: 9.899 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion: 93 Resp: 526831
Ion Ratio Lower Upper
93 100
95 32.0 26.0 39.0
123 12.3 9.1 13.7

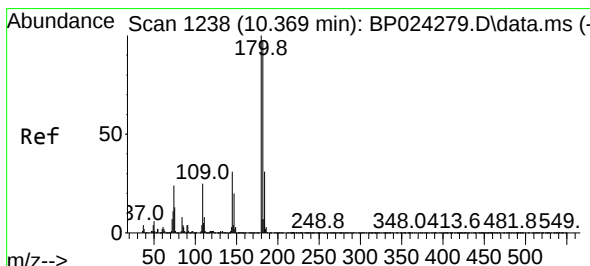
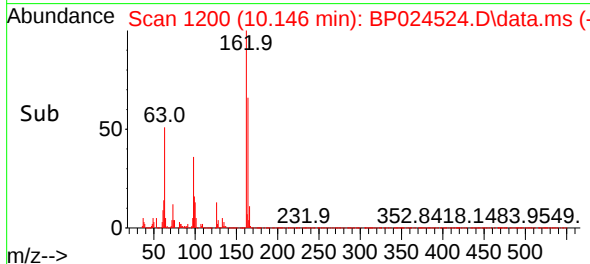
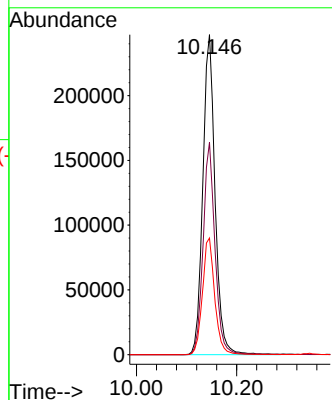
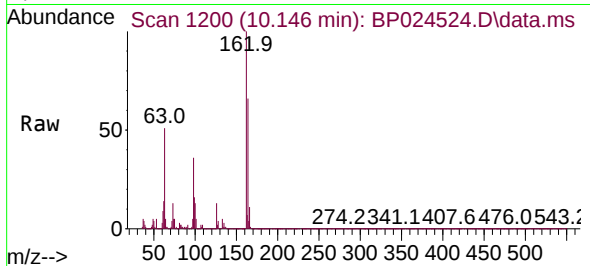




#29
2,4-Dichlorophenol
Concen: 46.681 ng
RT: 10.146 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

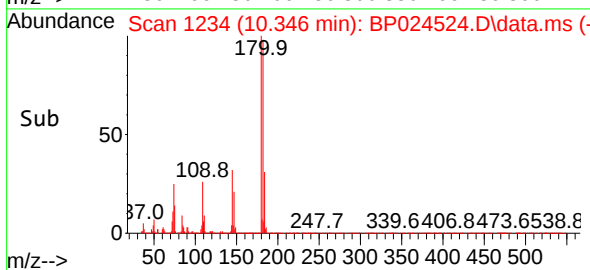
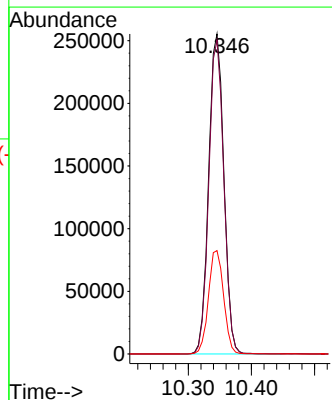
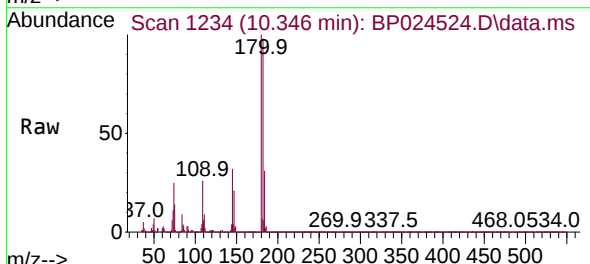
Instrument :
BNA_P
ClientSampleId :
PB167836BS

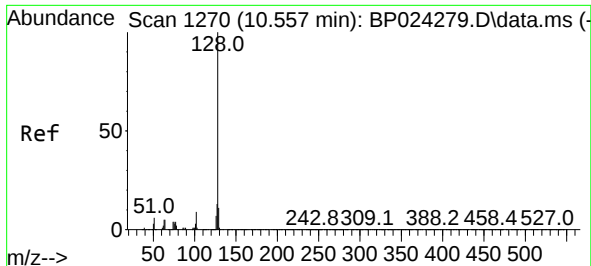
Tgt Ion:162 Resp: 418991
Ion Ratio Lower Upper
162 100
164 66.3 43.3 83.3
98 36.4 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 44.489 ng
RT: 10.346 min Scan# 1234
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:180 Resp: 427836
Ion Ratio Lower Upper
180 100
182 98.1 77.3 115.9
145 32.3 25.1 37.7

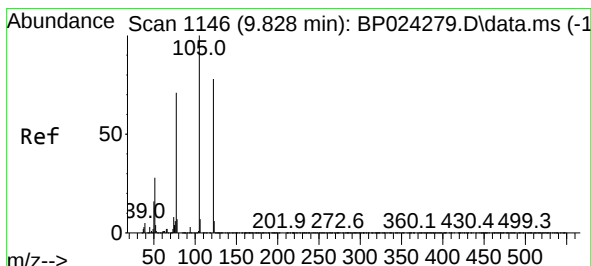
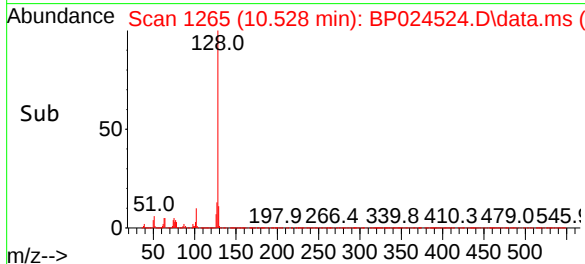
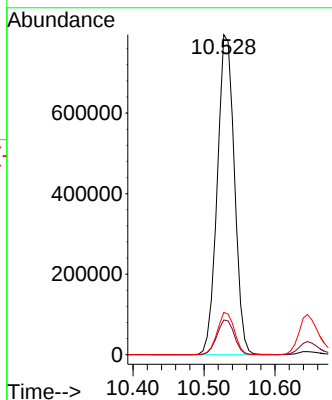
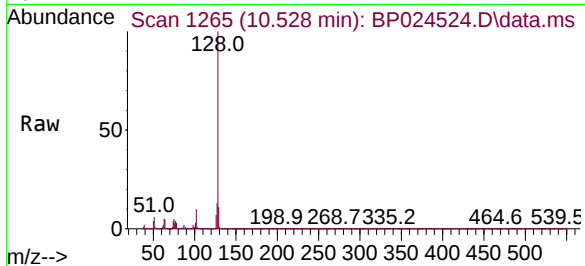




#31
Naphthalene
Concen: 40.728 ng
RT: 10.528 min Scan# 11265
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

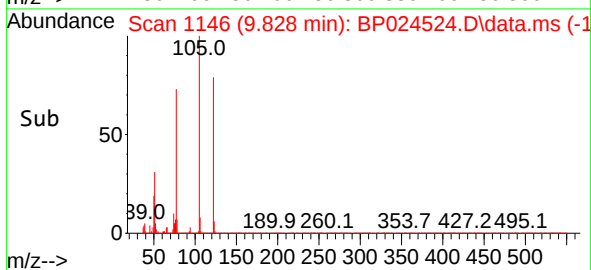
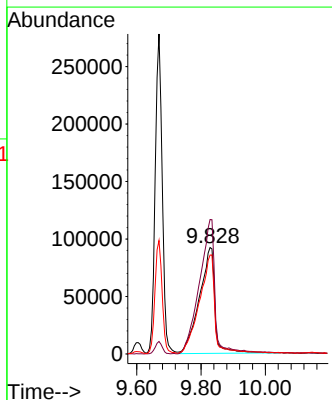
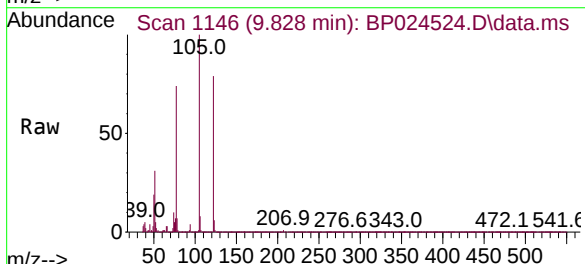
Instrument :
BNA_P
ClientSampleId :
PB167836BS

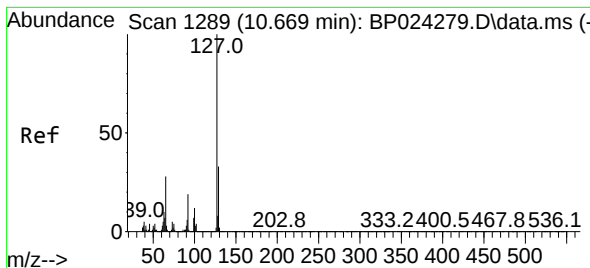
Tgt Ion:128 Resp: 1324775
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 40.414 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:122 Resp: 309994
Ion Ratio Lower Upper
122 100
105 126.3 104.8 144.8
77 93.0 69.2 109.2

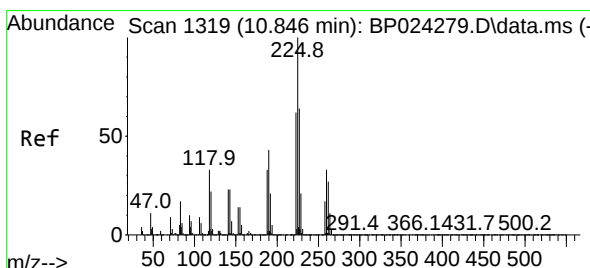
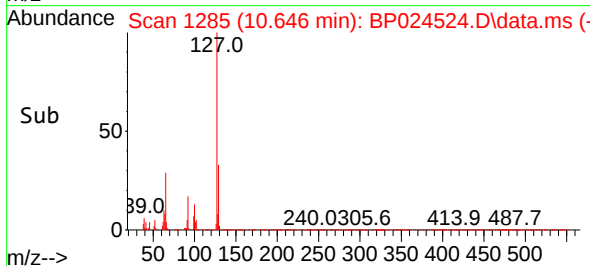
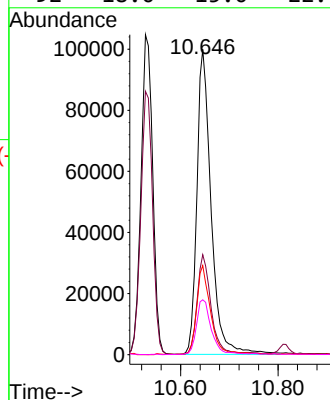
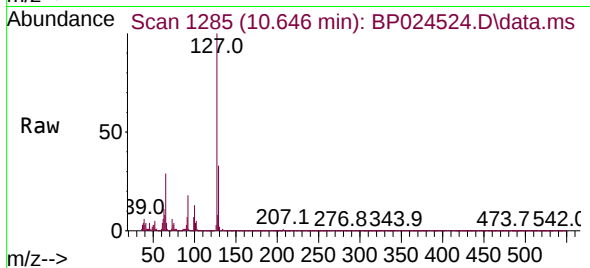




#33
4-Chloroaniline
Concen: 17.729 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

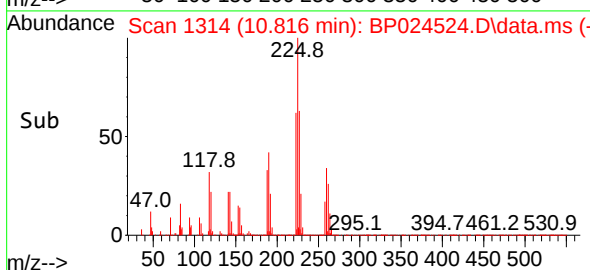
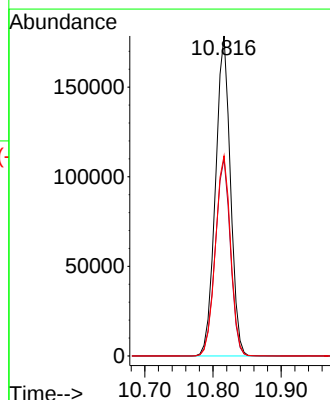
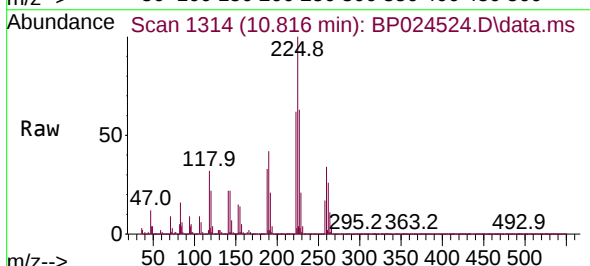
Instrument :
BNA_P
ClientSampleId :
PB167836BS

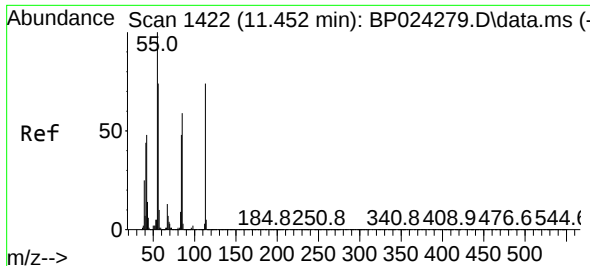
Tgt Ion:	127	Resp:	203083
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	29.2	22.1	33.1
92	18.0	15.0	22.4



#34
Hexachlorobutadiene
Concen: 48.107 ng
RT: 10.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:	225	Resp:	271858
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.5	74.3
227	62.5	50.9	76.3

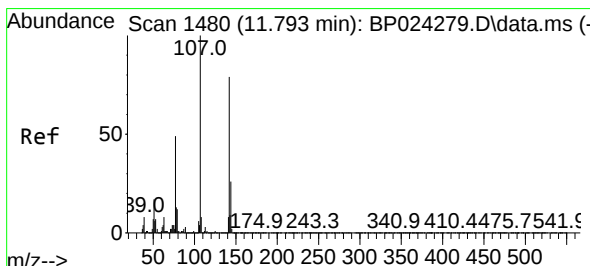
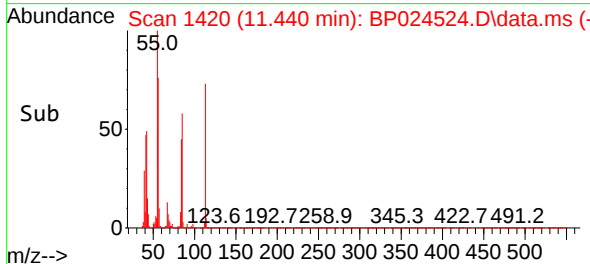
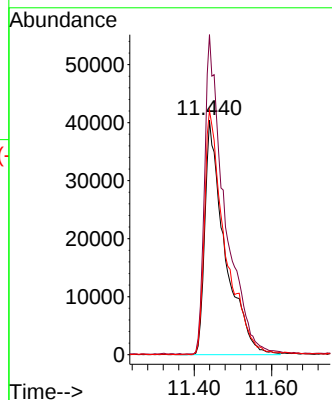
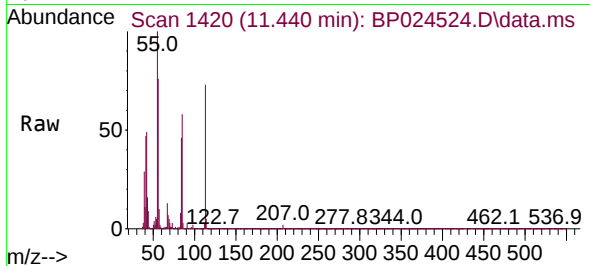




#35
Caprolactam
Concen: 43.476 ng
RT: 11.440 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

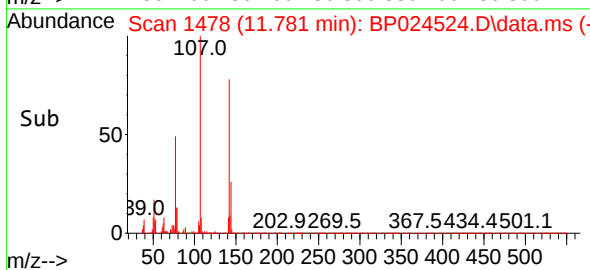
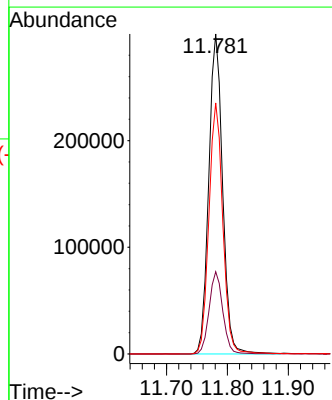
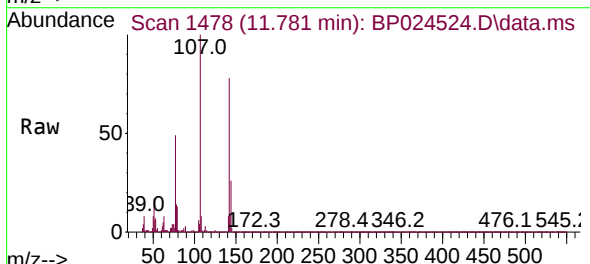
Instrument :
BNA_P
ClientSampleId :
PB167836BS

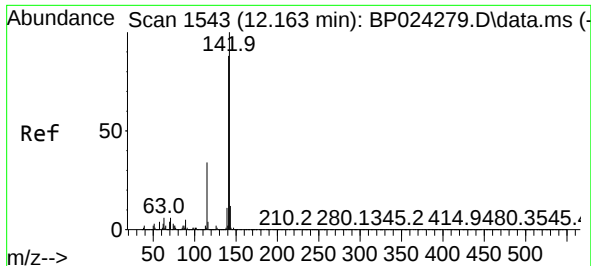
Tgt Ion	Ratio	Lower	Upper
113	100		
55	136.5	115.9	155.9
56	104.2	81.1	121.1



#36
4-Chloro-3-methylphenol
Concen: 45.307 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	78.4	63.4	95.2

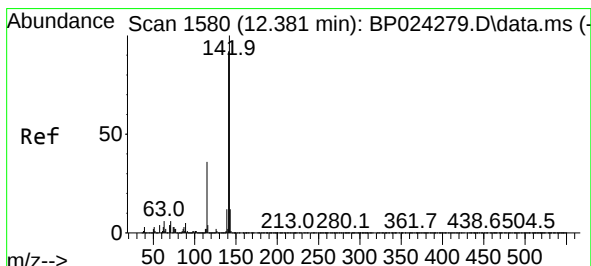
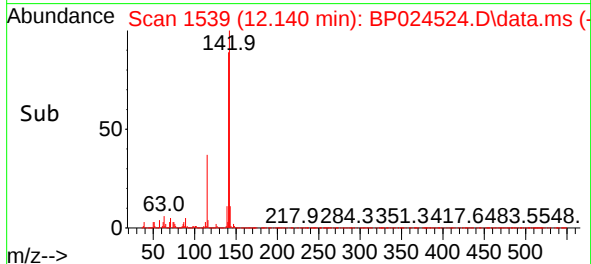
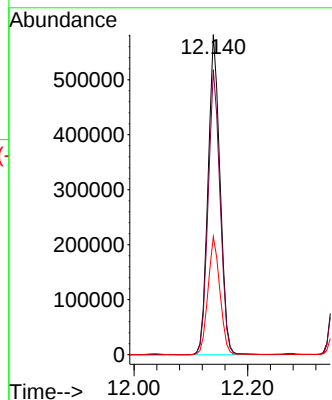
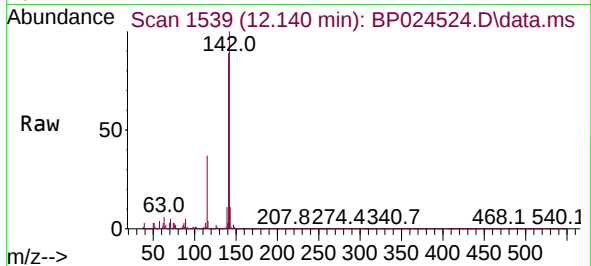




#37
2-Methylnaphthalene
Concen: 37.517 ng
RT: 12.140 min Scan# 1539
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

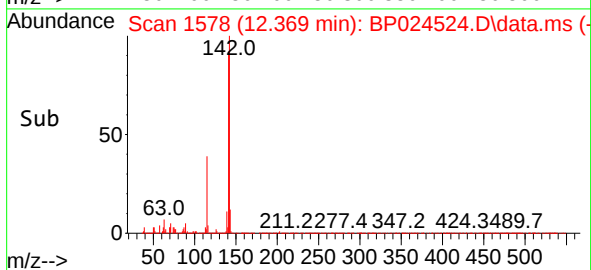
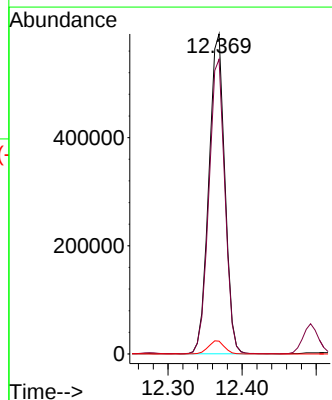
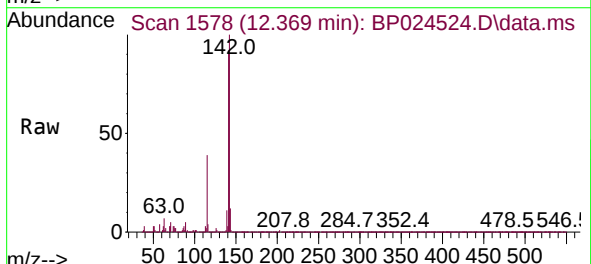
Instrument :
BNA_P
ClientSampleId :
PB167836BS

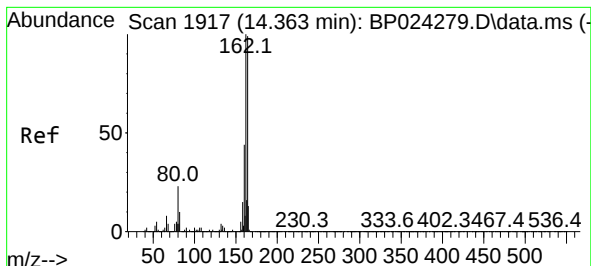
Tgt Ion:142 Resp: 846327
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
115 36.9 26.9 40.3



#38
1-Methylnaphthalene
Concen: 40.192 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:142 Resp: 886967
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4
116 4.0 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: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

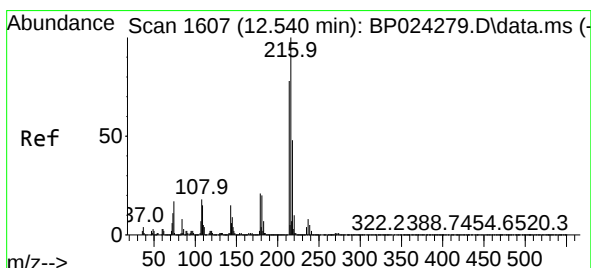
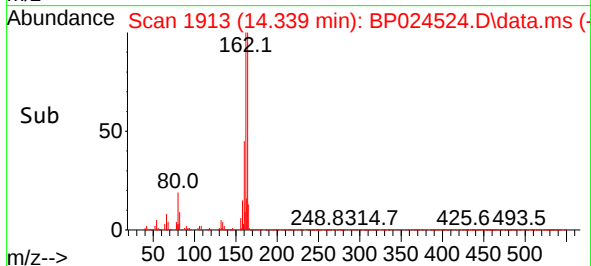
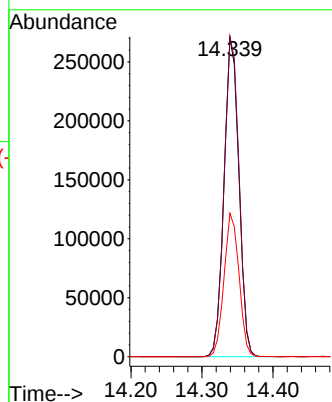
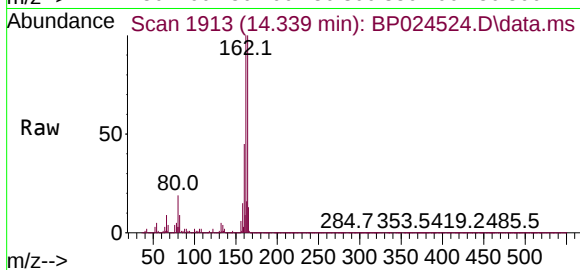
Tgt Ion:164 Resp: 391114

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 44.9 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.661 ng

RT: 12.516 min Scan# 1603

Delta R.T. -0.012 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Tgt Ion:216 Resp: 480361

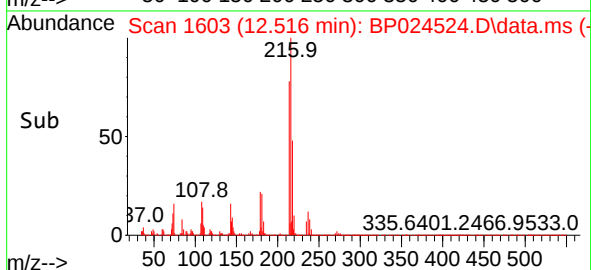
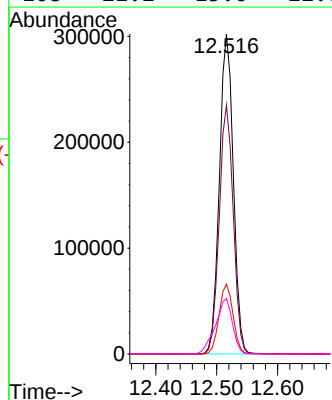
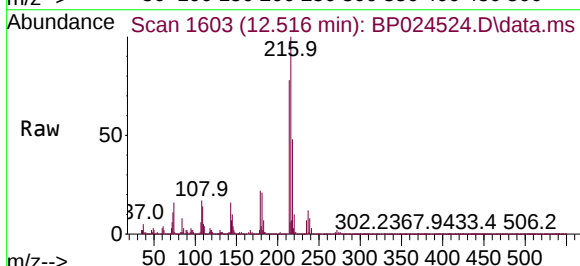
Ion Ratio Lower Upper

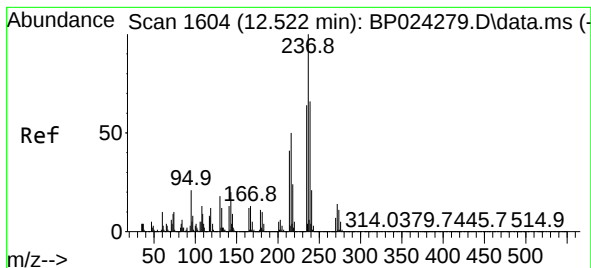
216 100

214 78.1 62.6 93.8

179 21.9 17.2 25.8

108 21.2 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 176.170 ng

RT: 12.492 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

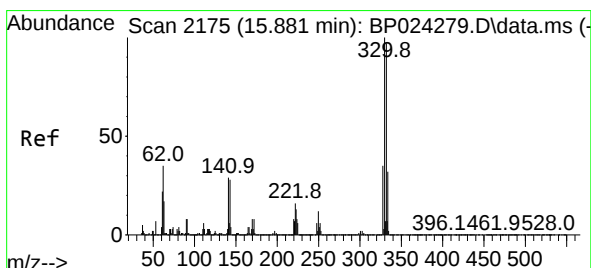
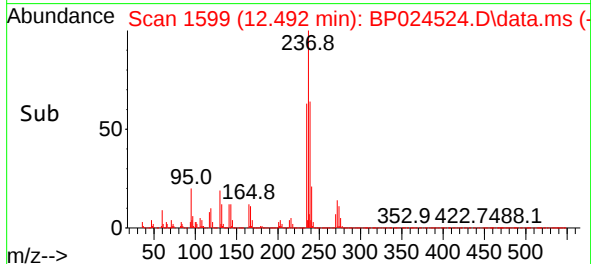
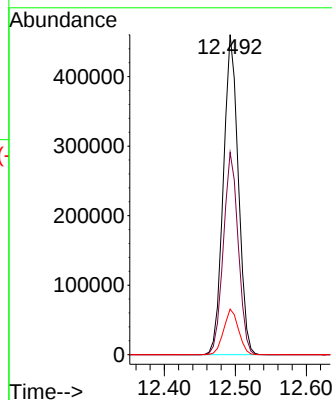
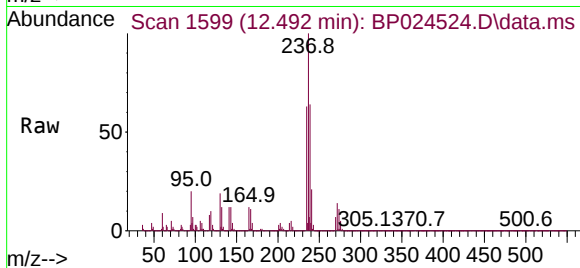
Tgt Ion:237 Resp: 670149

Ion Ratio Lower Upper

237 100

235 63.2 43.9 83.9

272 14.2 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 151.629 ng

RT: 15.863 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

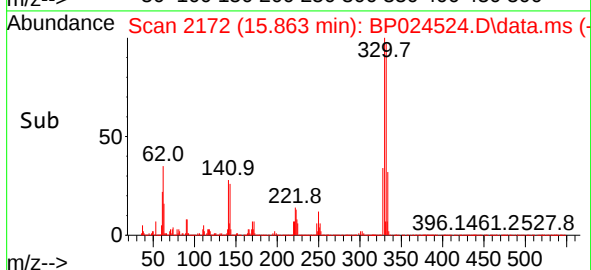
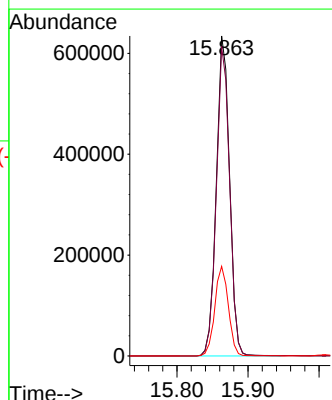
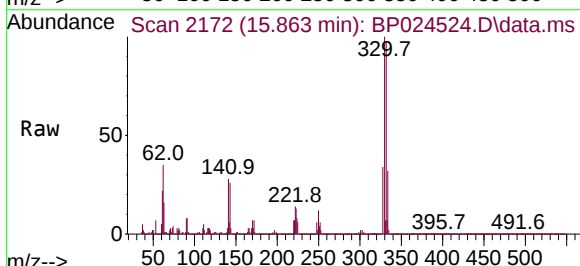
Tgt Ion:330 Resp: 820508

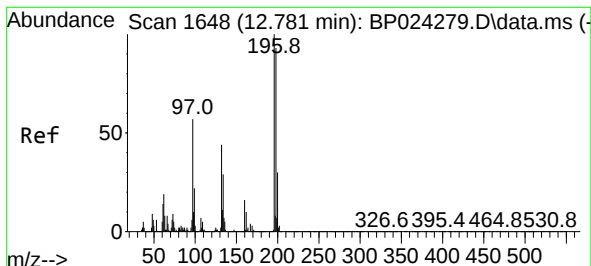
Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 28.7 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 47.465 ng

RT: 12.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

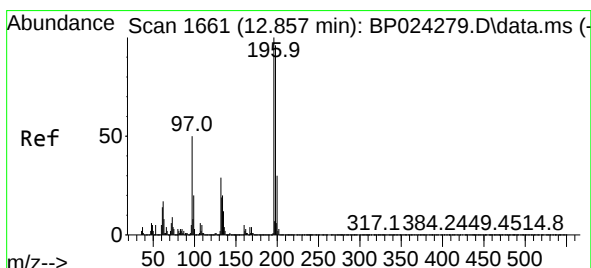
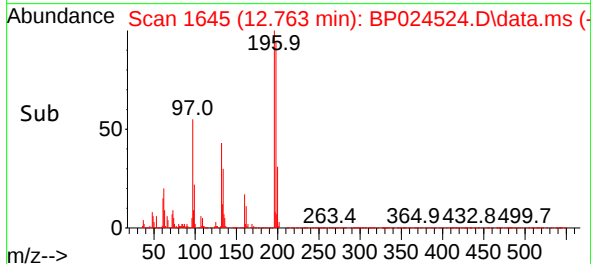
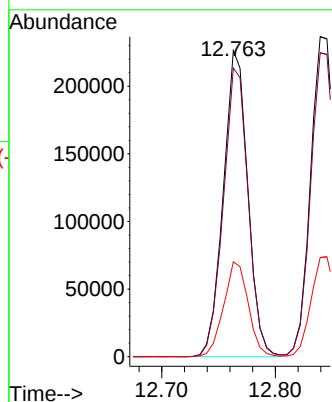
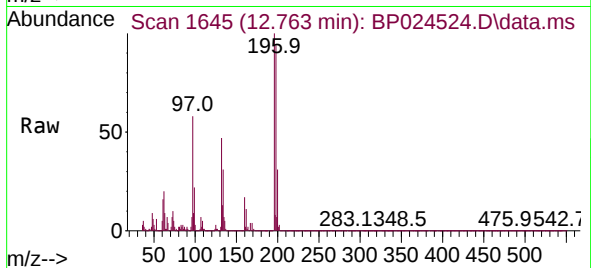
Tgt Ion:196 Resp: 339421

Ion Ratio Lower Upper

196 100

198 94.3 74.3 111.5

200 31.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.313 ng

RT: 12.840 min Scan# 1658

Delta R.T. -0.018 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Tgt Ion:196 Resp: 374663

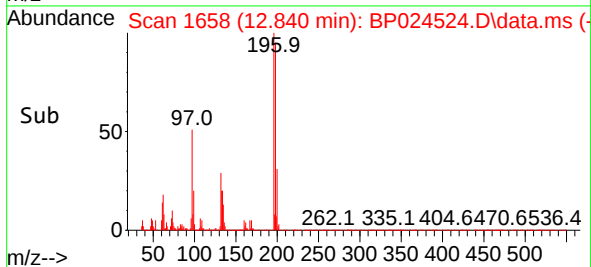
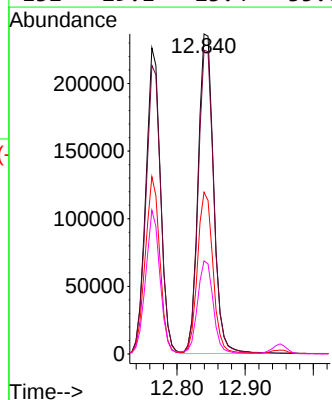
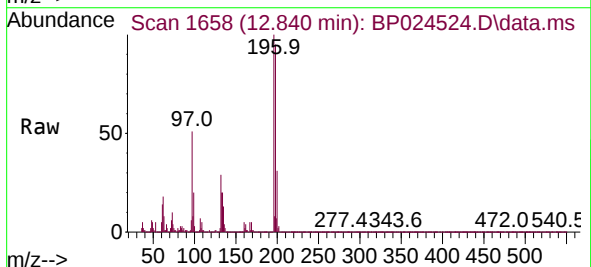
Ion Ratio Lower Upper

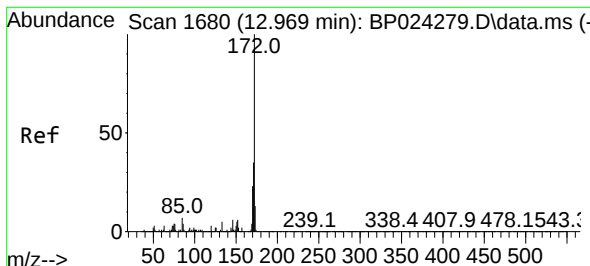
196 100

198 94.9 77.3 115.9

97 50.6 40.4 60.6

132 29.1 23.4 35.0

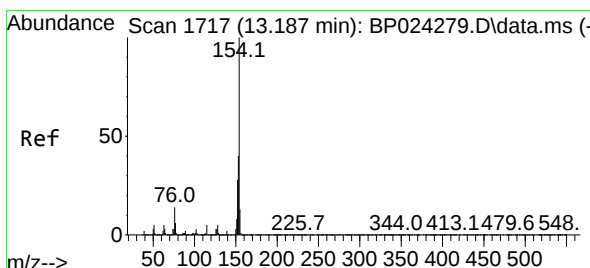
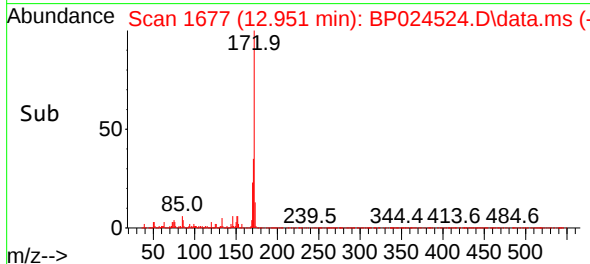
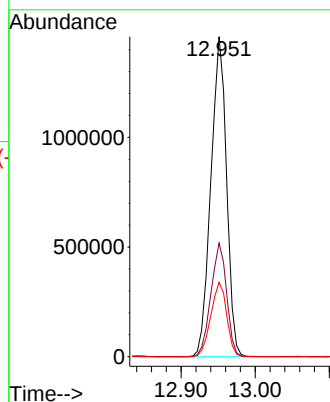
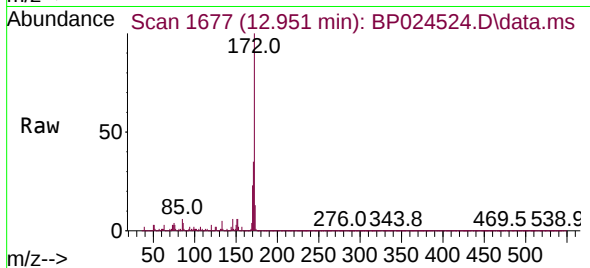




#45
2-Fluorobiphenyl
Concen: 83.800 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

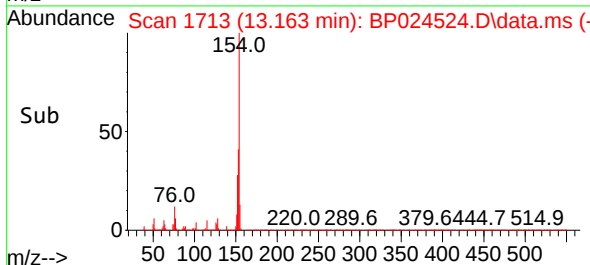
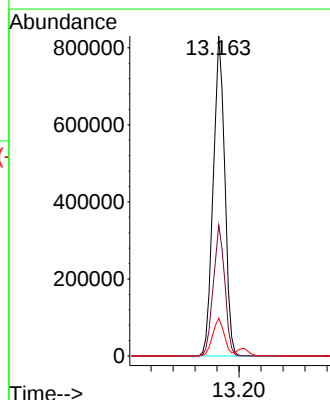
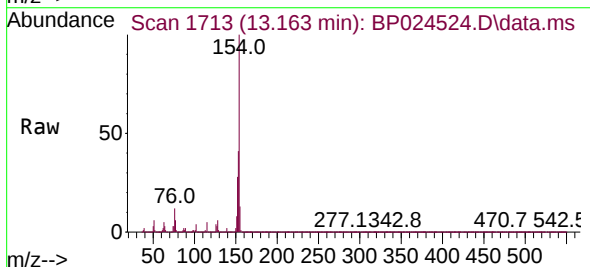
Instrument :
BNA_P
ClientSampleId :
PB167836BS

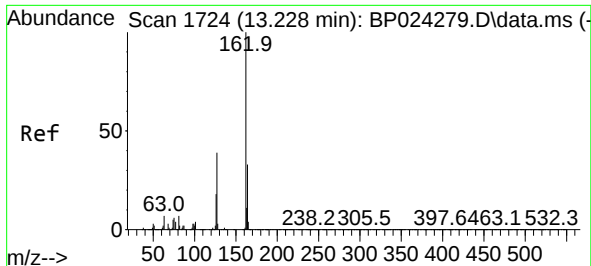
Tgt Ion:172 Resp: 2140635
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.3 18.6 27.8



#46
1,1'-Biphenyl
Concen: 42.123 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:154 Resp: 1210978
Ion Ratio Lower Upper
154 100
153 40.9 20.3 60.3
76 11.8 0.0 33.5

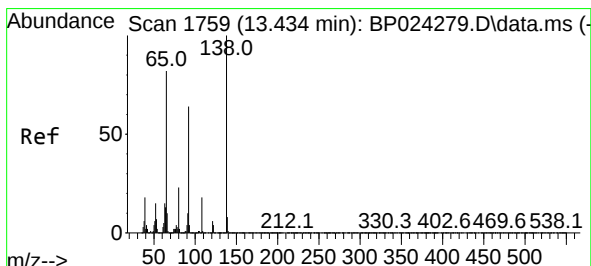
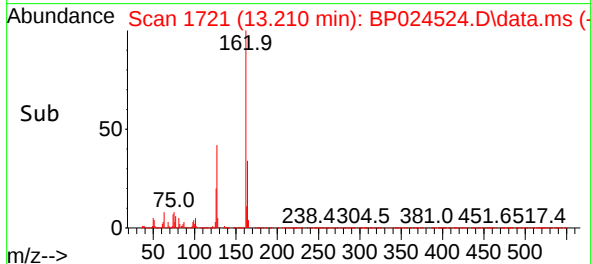
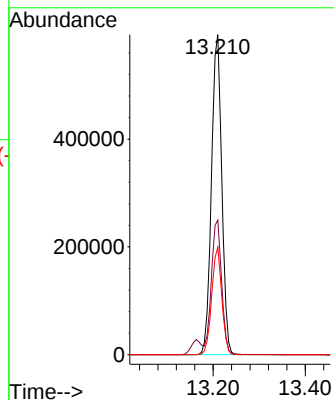
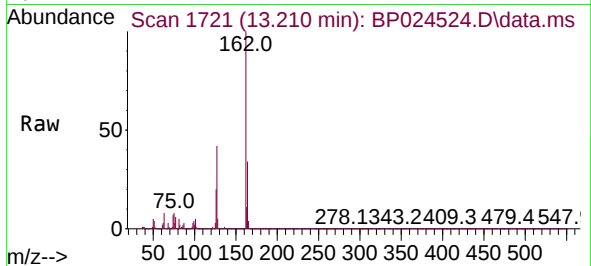




#47
2-Chloronaphthalene
Concen: 43.054 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

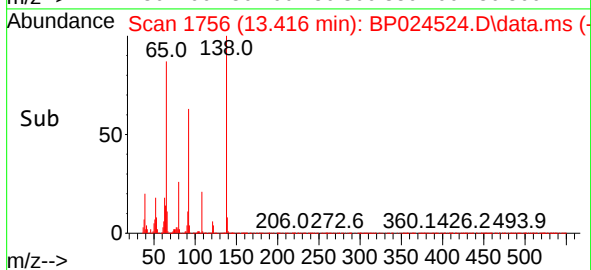
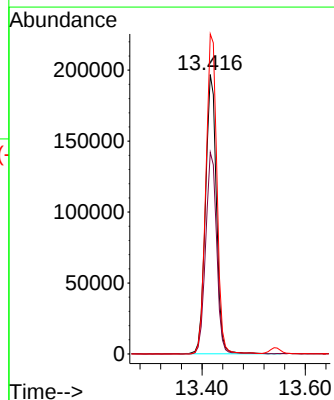
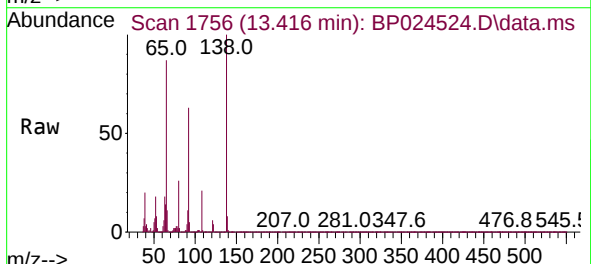
Instrument :
BNA_P
ClientSampleId :
PB167836BS

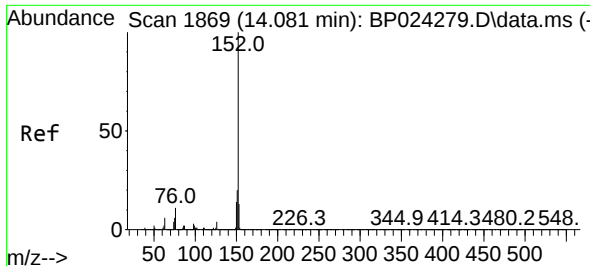
Tgt Ion:162 Resp: 925091
Ion Ratio Lower Upper
162 100
127 42.0 31.9 47.9
164 33.6 26.2 39.4



#48
2-Nitroaniline
Concen: 47.951 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion: 65 Resp: 289004
Ion Ratio Lower Upper
65 100
92 72.2 62.3 93.5
138 114.5 97.2 145.8

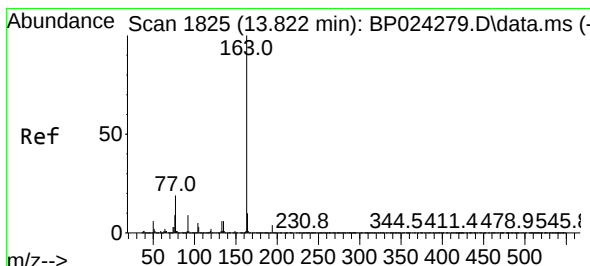
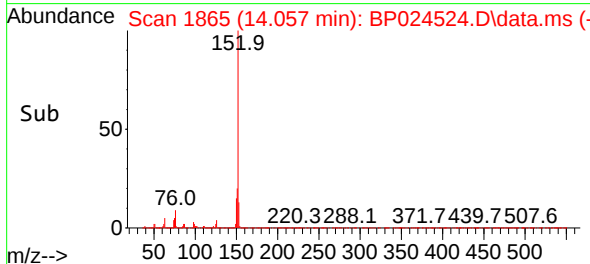
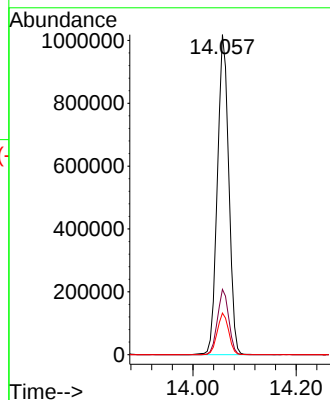
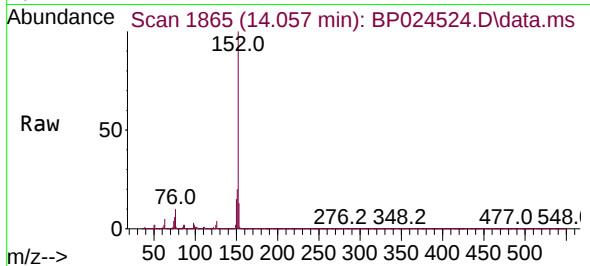




#49
Acenaphthylene
Concen: 45.935 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

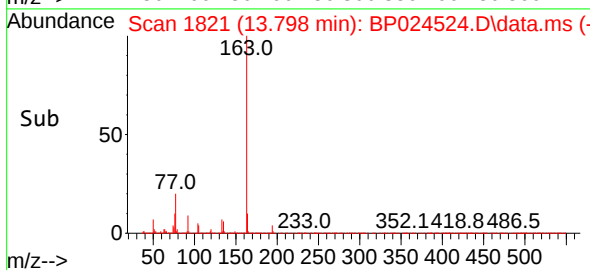
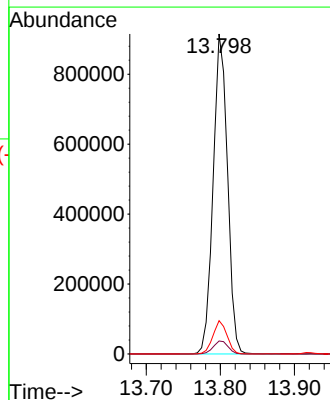
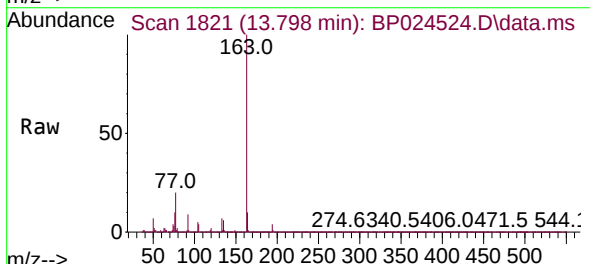
Instrument :
BNA_P
ClientSampleId :
PB167836BS

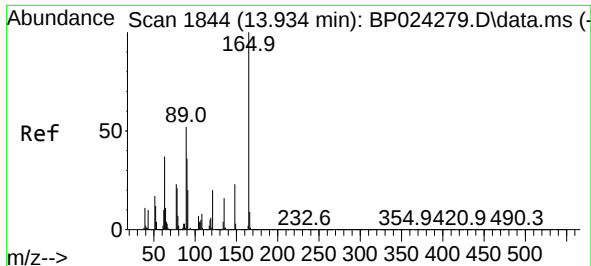
Tgt Ion:152 Resp: 1553928
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 43.252 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:163 Resp: 1230208
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.4 8.0 12.0

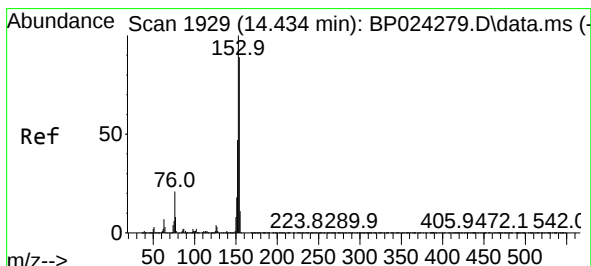
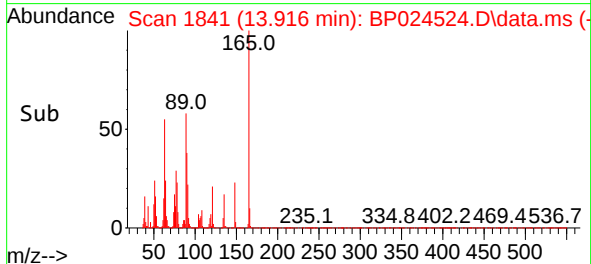
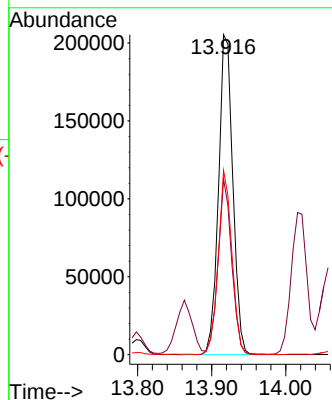
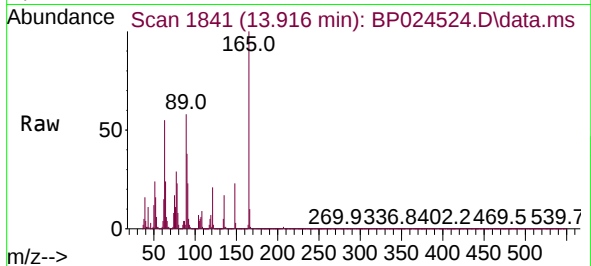




#51
2,6-Dinitrotoluene
Concen: 45.611 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

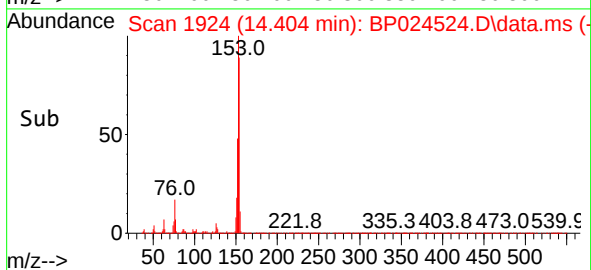
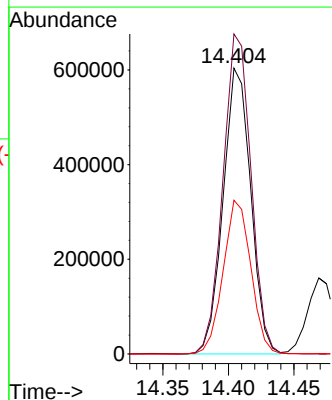
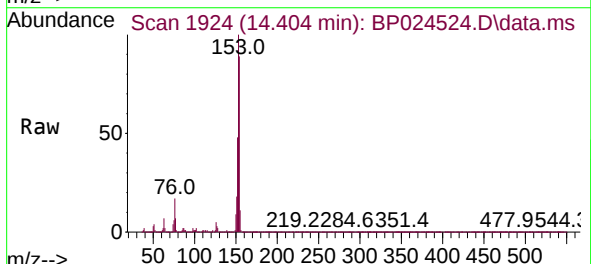
Instrument :
BNA_P
ClientSampleId :
PB167836BS

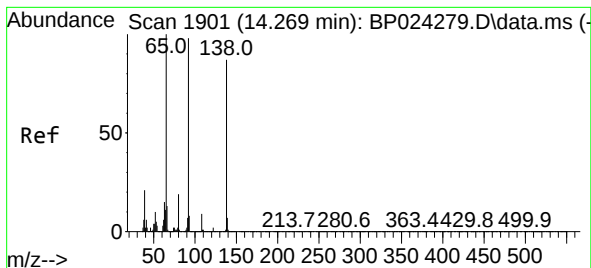
Tgt Ion:165 Resp: 275476
Ion Ratio Lower Upper
165 100
63 54.9 38.0 57.0
89 57.6 41.7 62.5



#52
Acenaphthene
Concen: 41.350 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:154 Resp: 886821
Ion Ratio Lower Upper
154 100
153 112.0 89.8 134.6
152 53.8 42.6 63.8

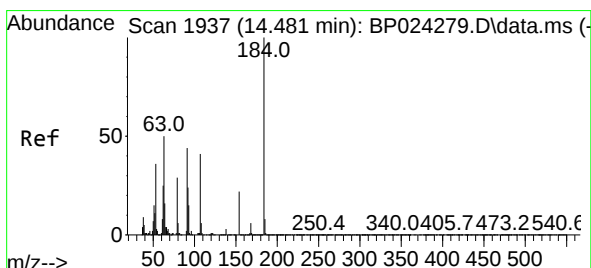
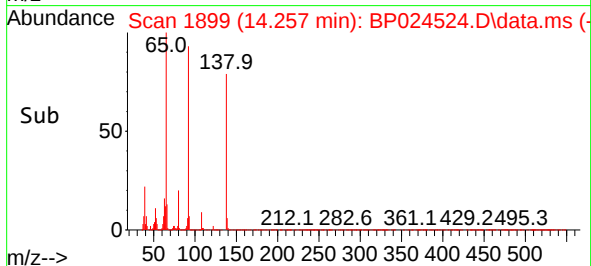
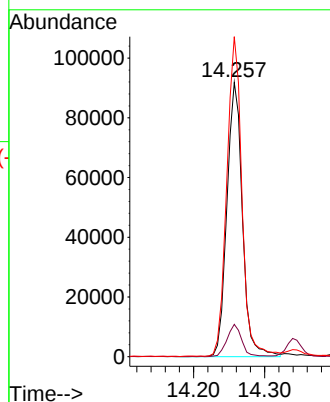
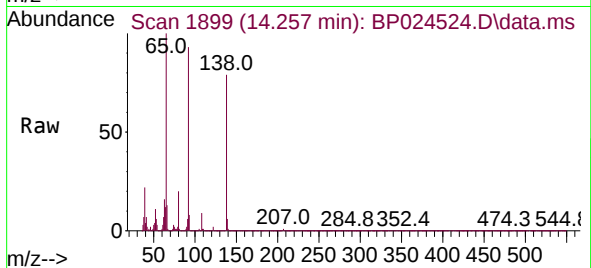




#53
3-Nitroaniline
Concen: 21.894 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

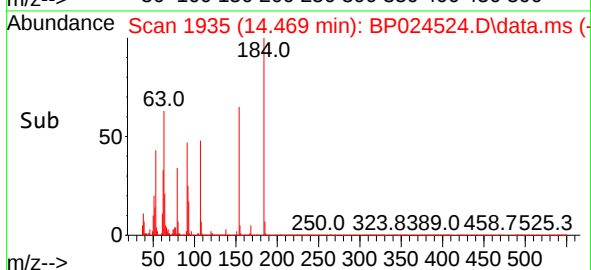
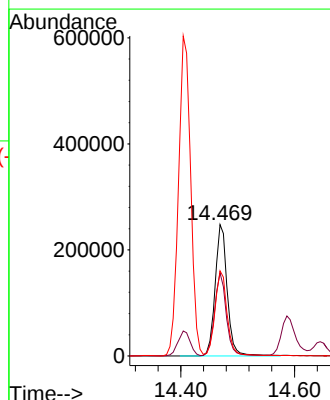
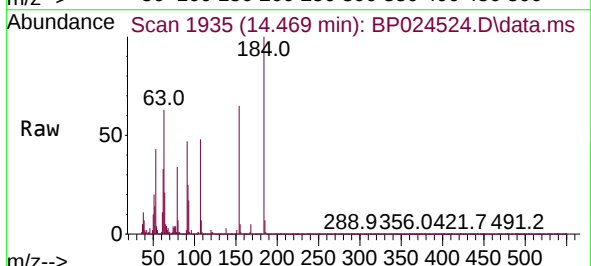
Instrument :
BNA_P
ClientSampleId :
PB167836BS

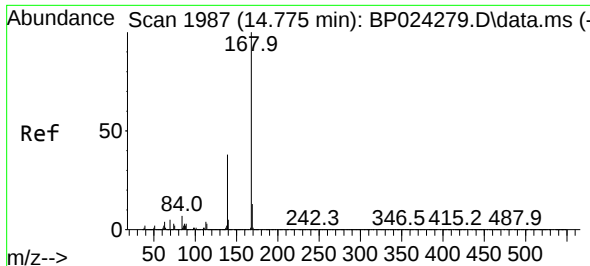
Tgt Ion:138 Resp: 138981
Ion Ratio Lower Upper
138 100
108 11.8 8.3 12.5
92 116.7 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 102.279 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:184 Resp: 363876
Ion Ratio Lower Upper
184 100
63 63.3 42.6 64.0
154 64.8 47.2 70.8

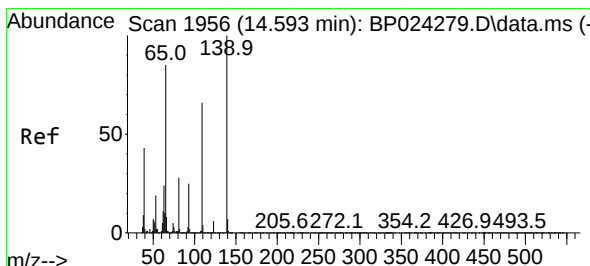
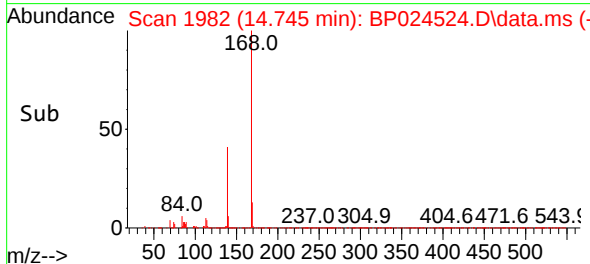
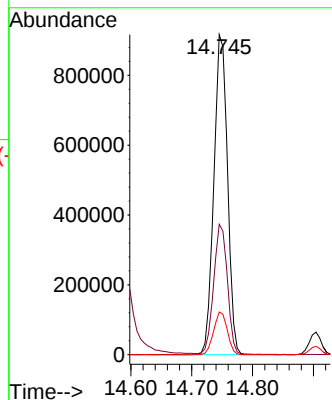
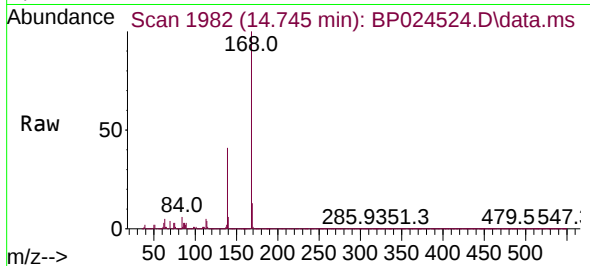




#55
Dibenzenofuran
Concen: 40.583 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

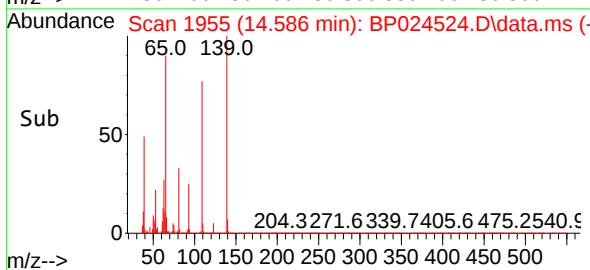
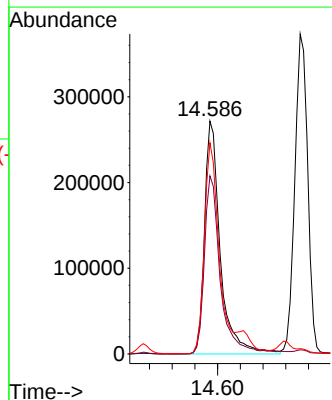
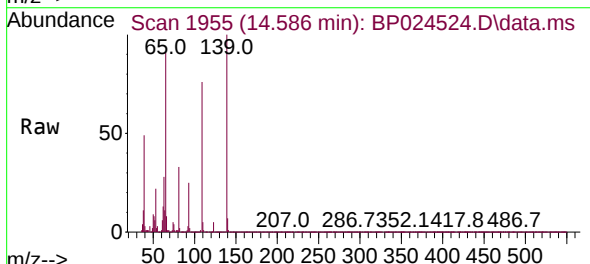
Instrument :
BNA_P
ClientSampleId :
PB167836BS

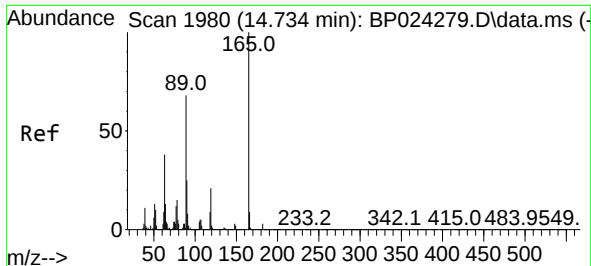
Tgt Ion:168 Resp: 1422679
Ion Ratio Lower Upper
168 100
139 40.7 30.3 45.5
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 95.215 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:139 Resp: 521998
Ion Ratio Lower Upper
139 100
109 76.5 46.1 86.1
65 90.7 65.0 105.0

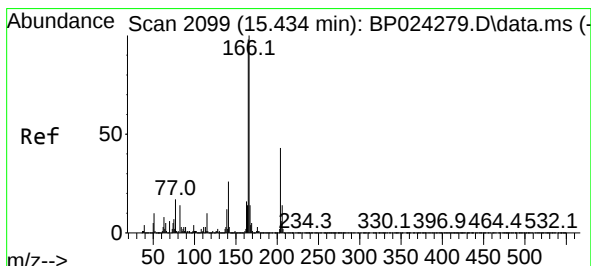
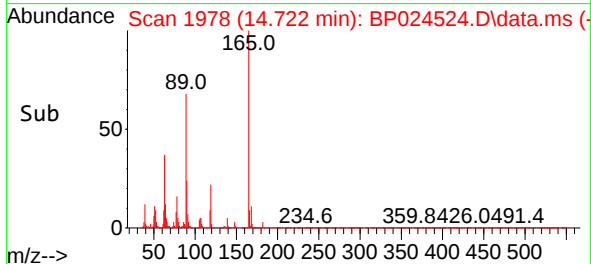
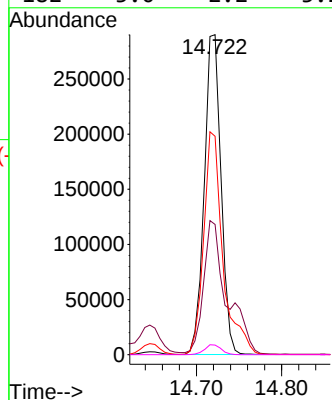
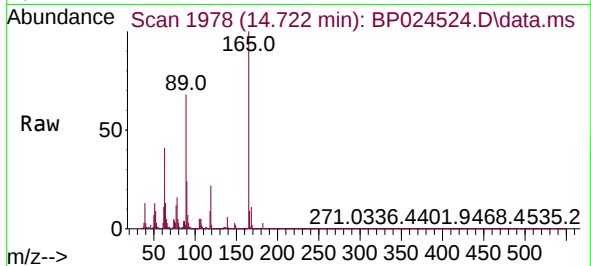




#57
2,4-Dinitrotoluene
Concen: 48.082 ng
RT: 14.722 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

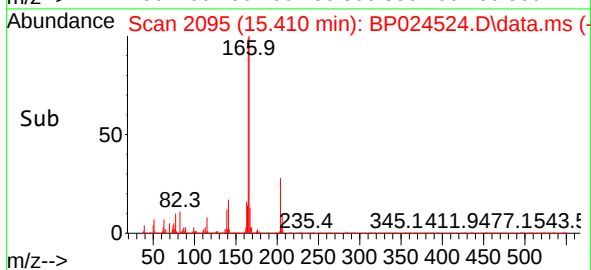
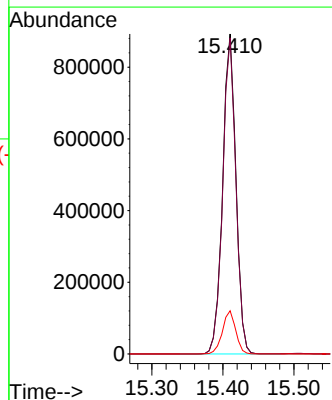
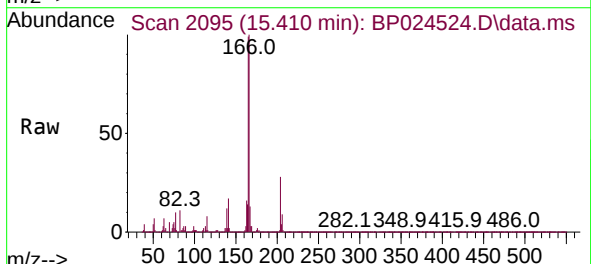
Instrument :
BNA_P
ClientSampleId :
PB167836BS

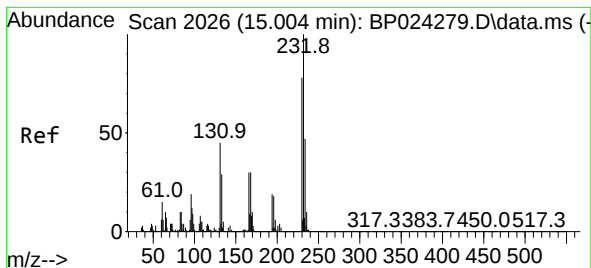
Tgt Ion:165 Resp: 396142
Ion Ratio Lower Upper
165 100
63 40.7 30.4 45.6
89 68.3 54.6 82.0
182 3.0 2.2 3.2



#58
Fluorene
Concen: 42.493 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:166 Resp: 1153162
Ion Ratio Lower Upper
166 100
165 98.8 78.1 117.1
167 13.5 10.9 16.3

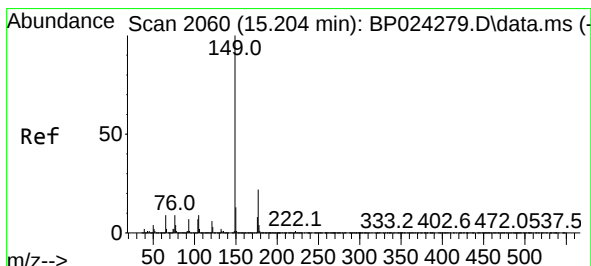
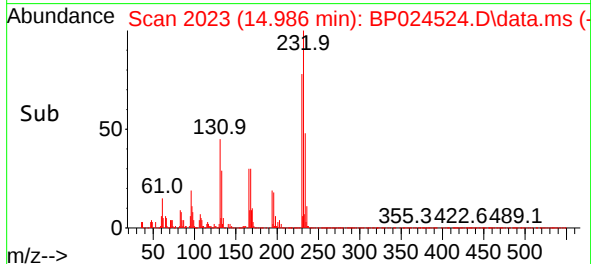
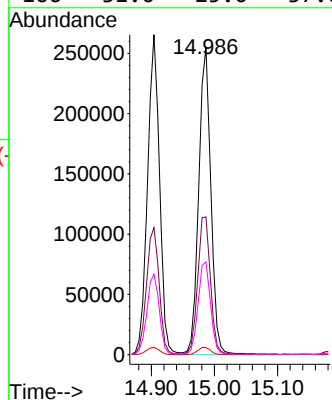
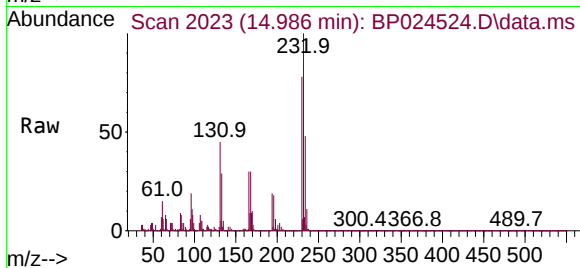




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.729 ng
RT: 14.986 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

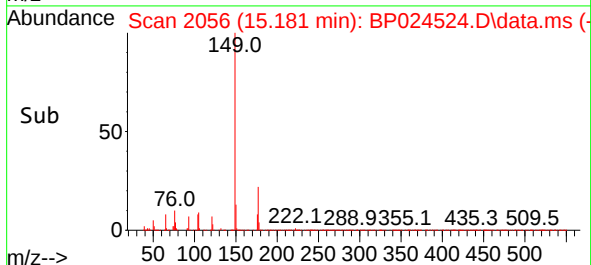
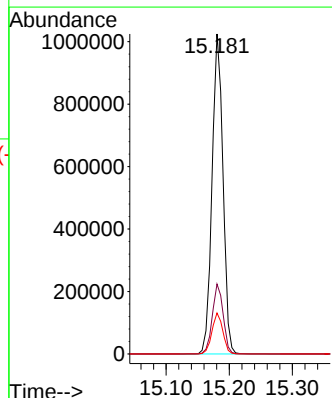
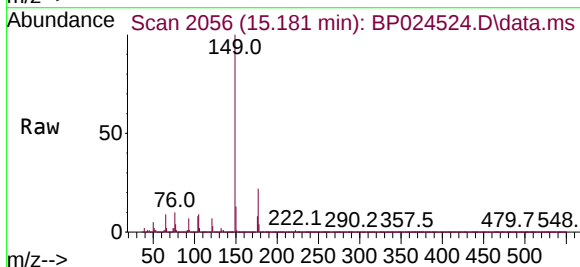
Instrument :
BNA_P
ClientSampleId :
PB167836BS

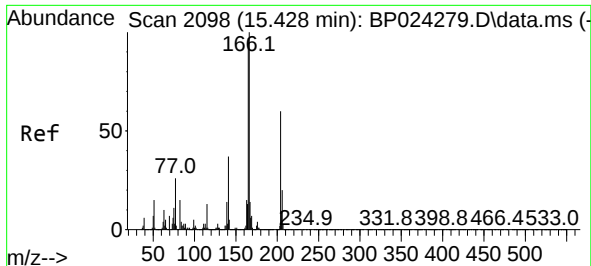
Tgt Ion:232 Resp: 341287
Ion Ratio Lower Upper
232 100
131 47.1 36.8 55.2
130 2.5 1.9 2.9
166 31.0 25.0 37.6



#60
Diethylphthalate
Concen: 42.000 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:149 Resp: 1231042
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.8 10.1 15.1

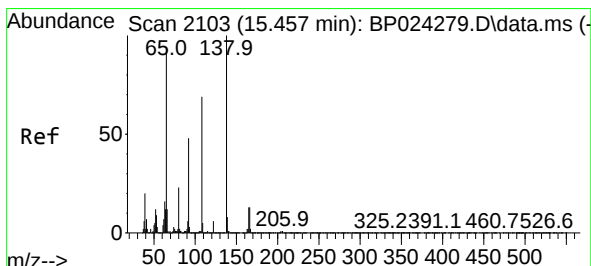
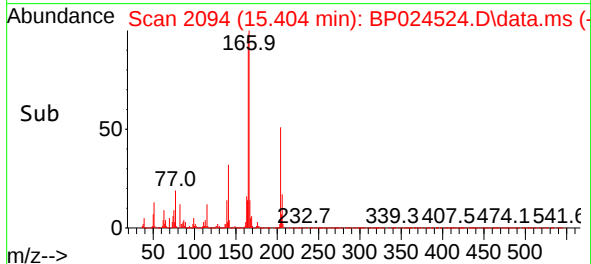
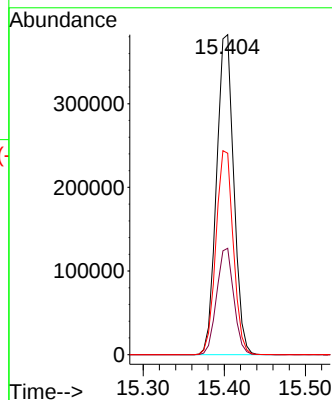
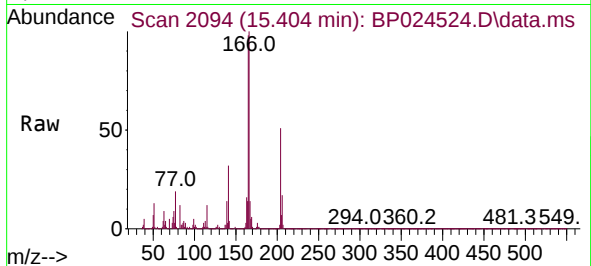




#61
4-Chlorophenyl-phenylether
Concen: 42.781 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

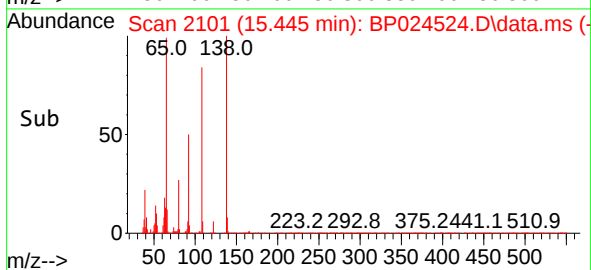
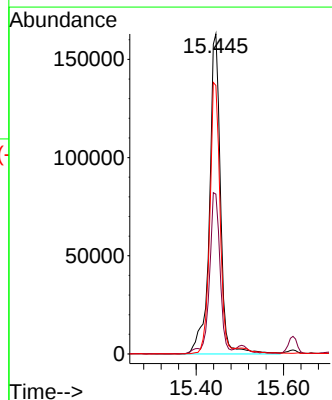
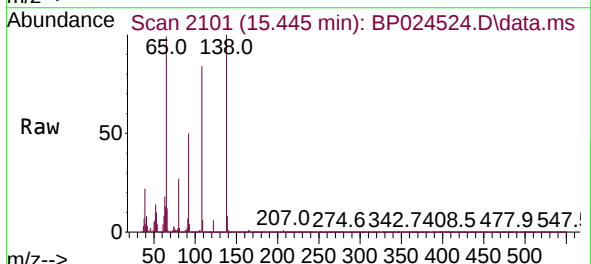
Instrument :
BNA_P
ClientSampleId :
PB167836BS

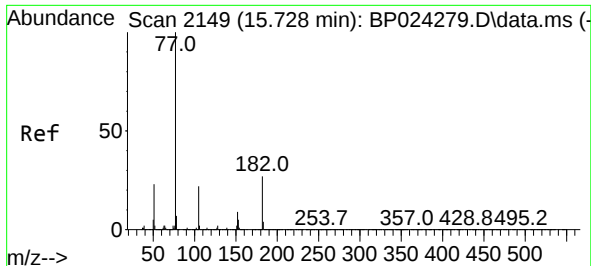
Tgt Ion:204 Resp: 563774
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 63.0 49.4 74.0



#62
4-Nitroaniline
Concen: 42.726 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:138 Resp: 287116
Ion Ratio Lower Upper
138 100
92 49.9 27.8 67.8
108 83.9 48.9 88.9



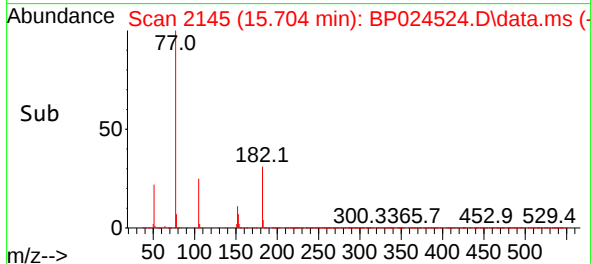
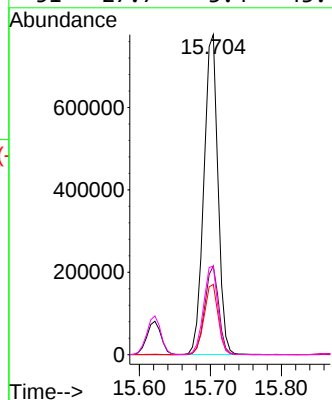
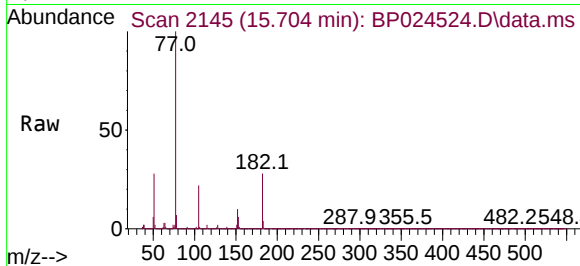


#63
Azobenzene
Concen: 39.831 ng
RT: 15.704 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Instrument :
BNA_P
ClientSampleId :
PB167836BS

Tgt Ion: 77 Resp: 1073041

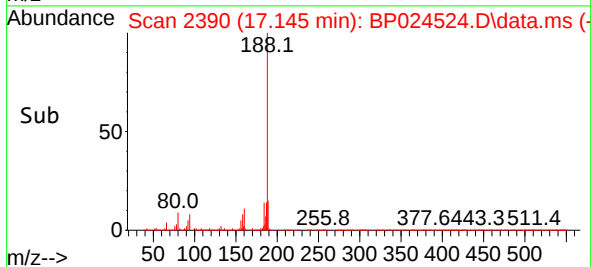
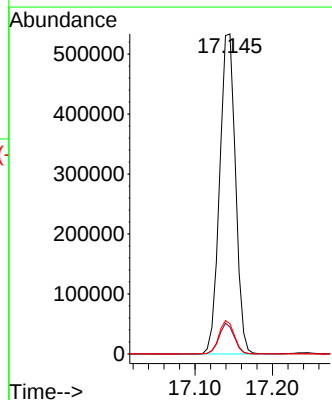
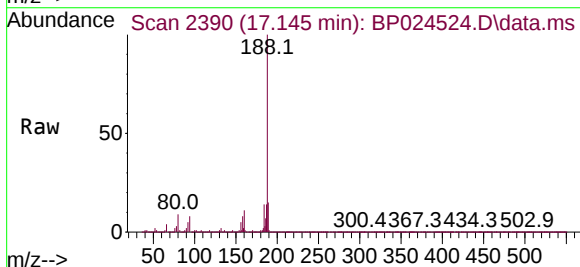
Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.3	47.3
105	22.0	2.3	42.3
51	27.7	3.4	43.4

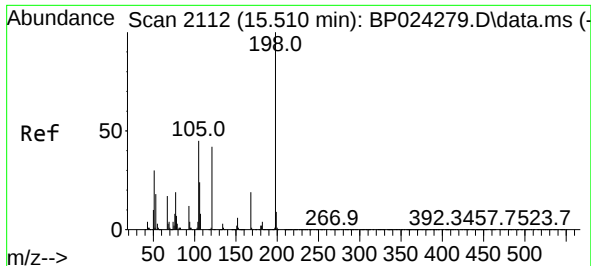


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion: 188 Resp: 761966

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.6	13.0#
80	9.5	9.8	14.6#

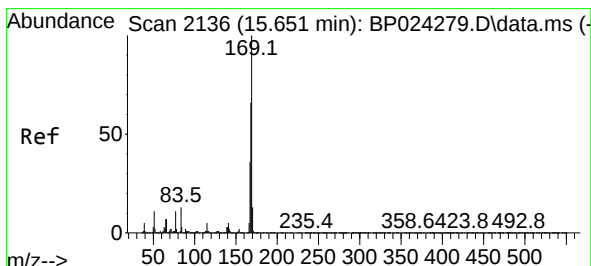
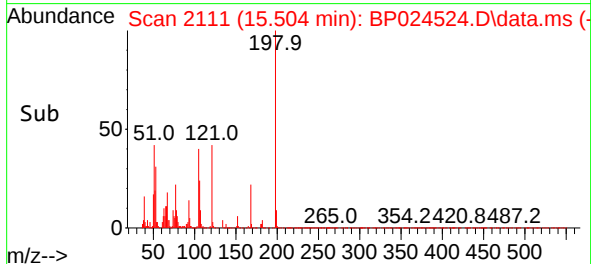
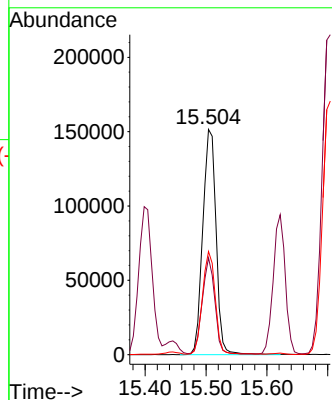
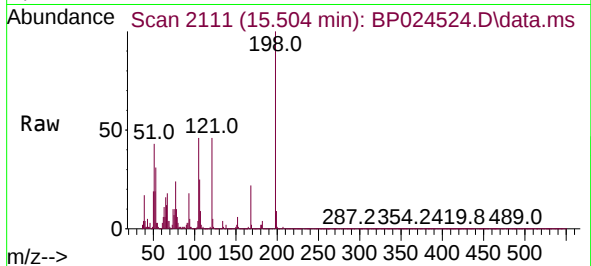




#65
4,6-Dinitro-2-methylphenol
Concen: 47.907 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

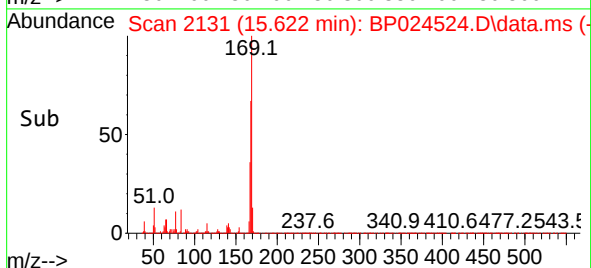
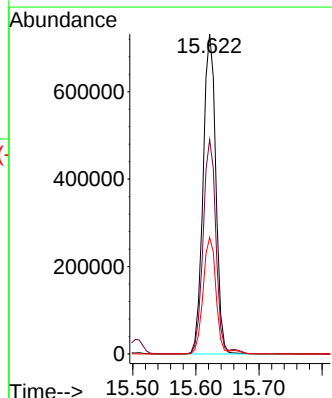
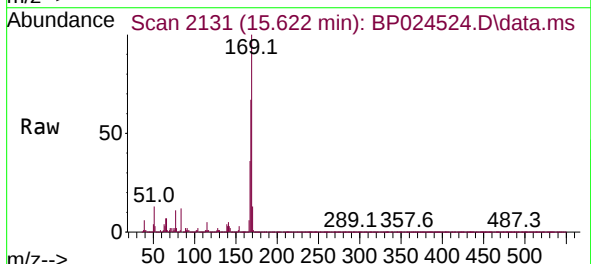
Instrument :
BNA_P
ClientSampleId :
PB167836BS

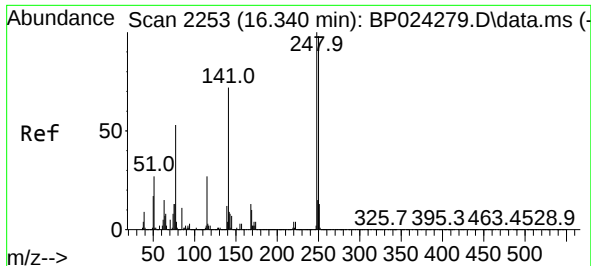
Tgt Ion:198 Resp: 230143
Ion Ratio Lower Upper
198 100
51 43.0 18.4 58.4
105 45.8 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 44.885 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:169 Resp: 1020809
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.4
167 36.4 28.9 43.3

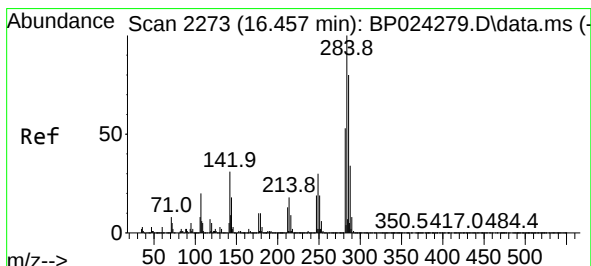
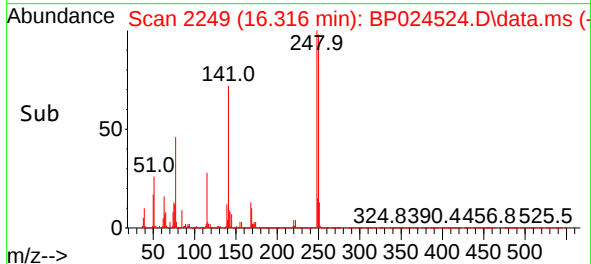
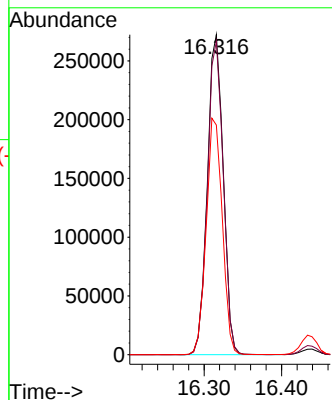
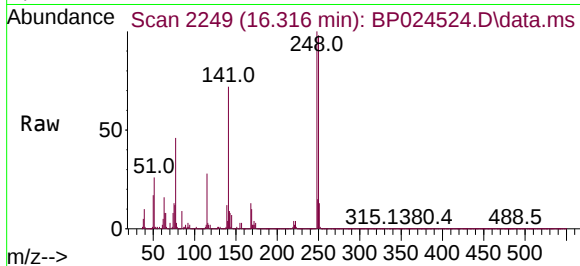




#67
4-Bromophenyl-phenylether
Concen: 46.545 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

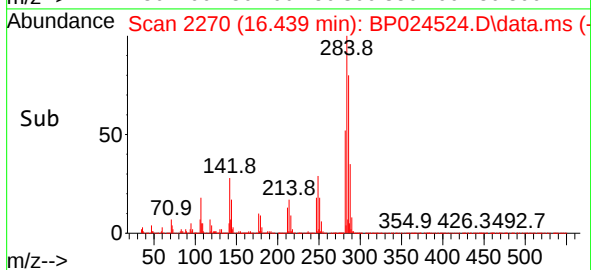
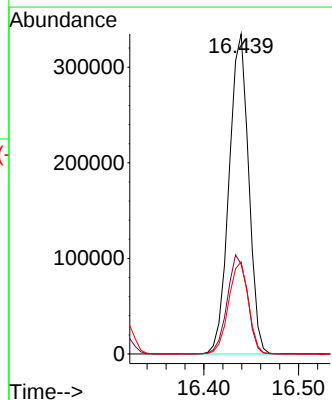
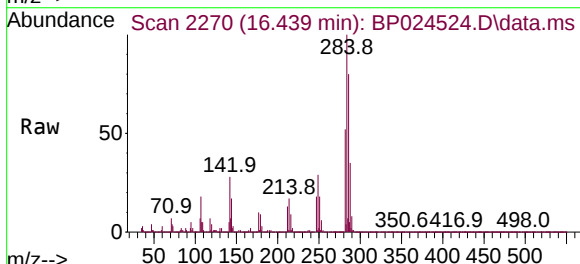
Instrument :
BNA_P
ClientSampleId :
PB167836BS

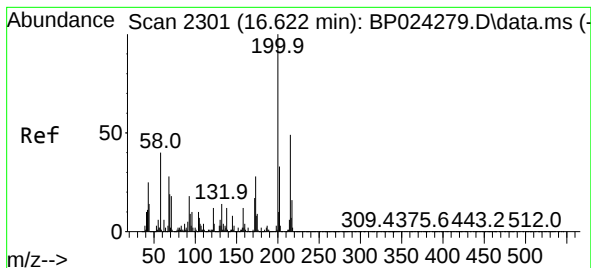
Tgt Ion:248 Resp: 387884
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 71.8 57.7 86.5



#68
Hexachlorobenzene
Concen: 48.489 ng
RT: 16.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:284 Resp: 480161
Ion Ratio Lower Upper
284 100
142 28.0 24.6 37.0
249 28.8 23.8 35.6





#69

Atrazine

Concen: 66.399 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

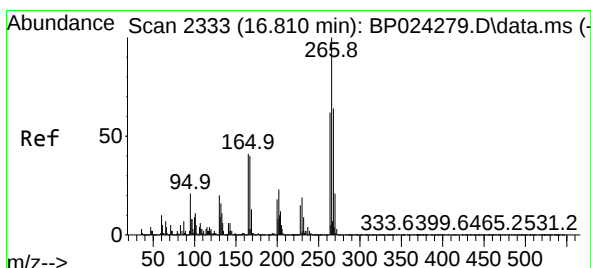
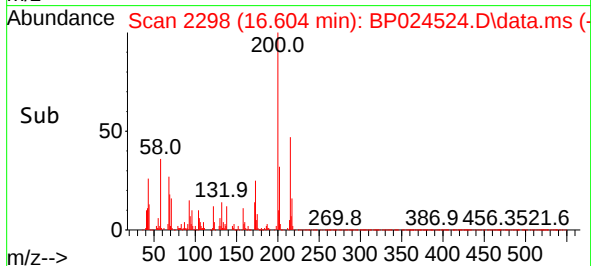
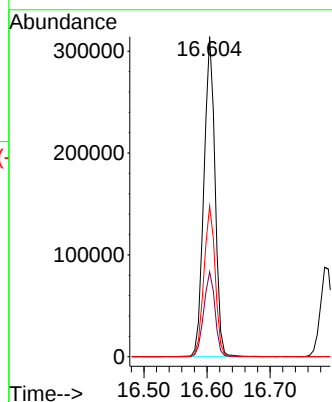
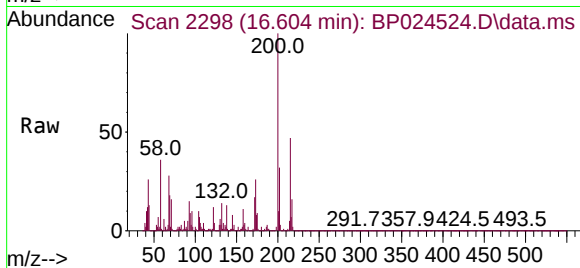
Tgt Ion:200 Resp: 384613

Ion Ratio Lower Upper

200 100

173 26.5 7.5 47.5

215 47.1 28.8 68.8



#70

Pentachlorophenol

Concen: 98.053 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

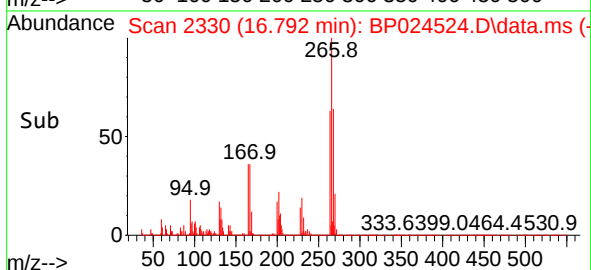
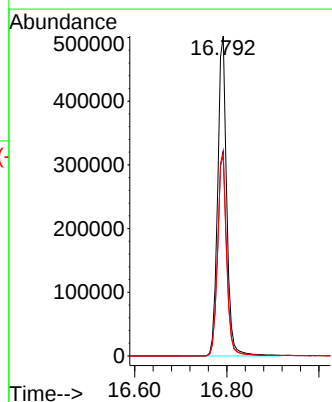
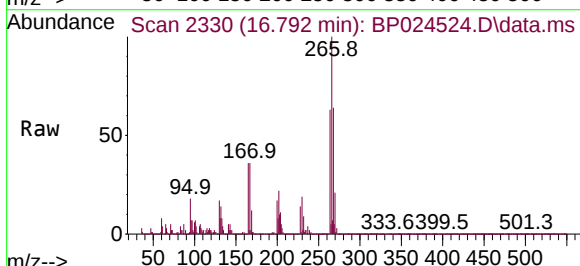
Tgt Ion:266 Resp: 677371

Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 43.796 ng

RT: 17.186 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

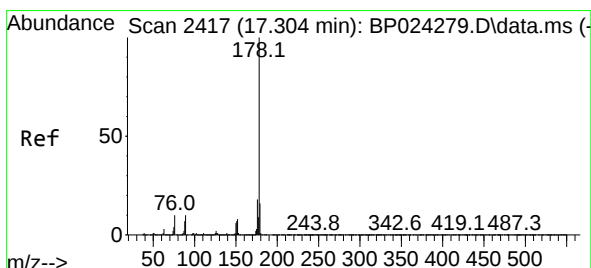
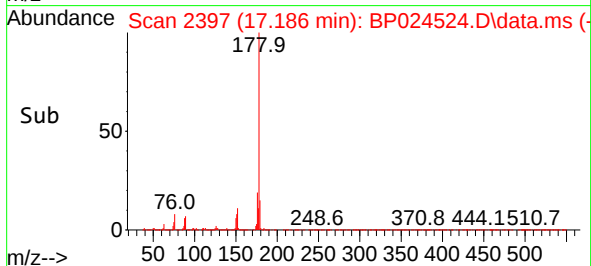
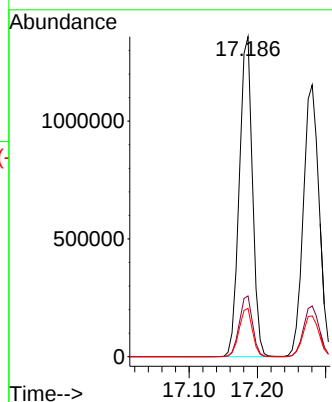
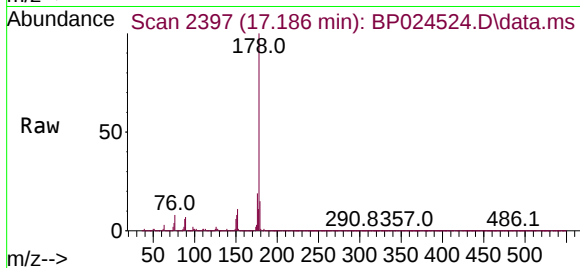
Tgt Ion:178 Resp: 1820467

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.1 12.5 18.7



#72

Anthracene

Concen: 46.532 ng

RT: 17.280 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

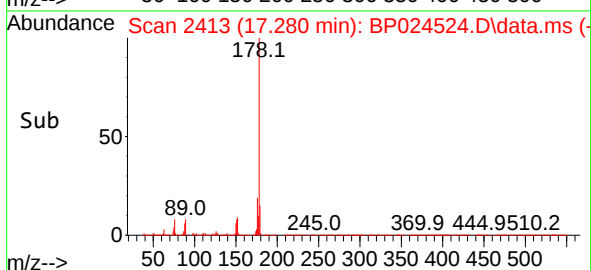
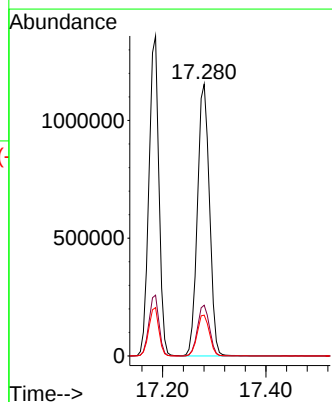
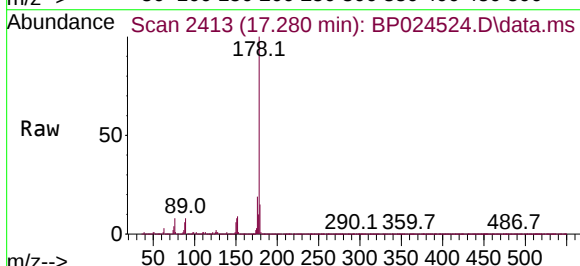
Tgt Ion:178 Resp: 1864164

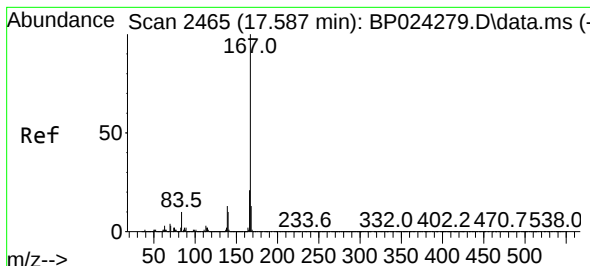
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.0 12.4 18.6





#73

Carbazole

Concen: 45.256 ng

RT: 17.563 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

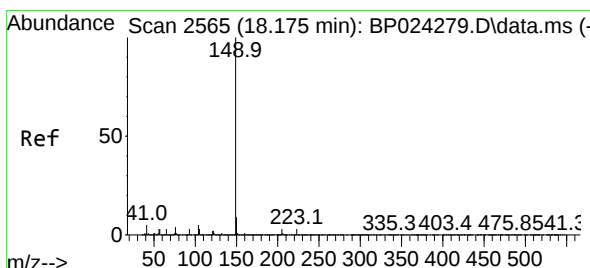
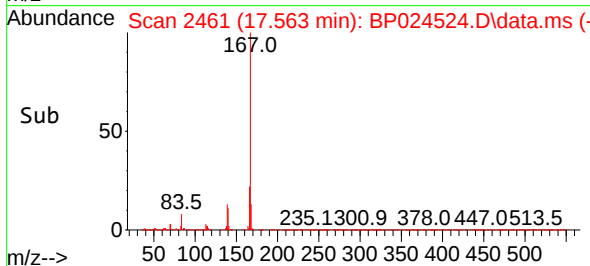
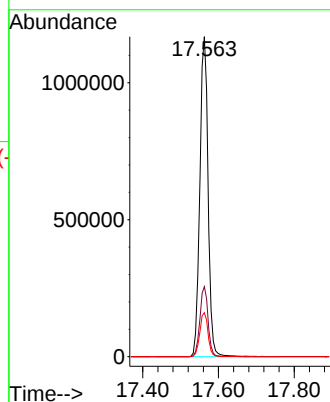
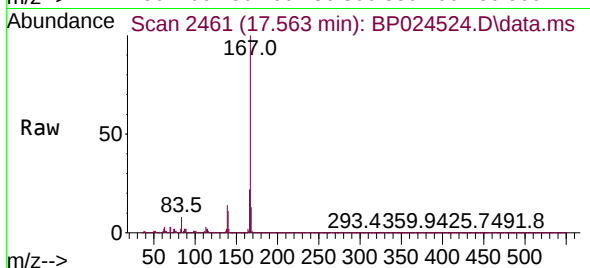
Tgt Ion:167 Resp: 1771505

Ion Ratio Lower Upper

167 100

166 21.9 17.1 25.7

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 45.922 ng

RT: 18.151 min Scan# 2561

Delta R.T. -0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

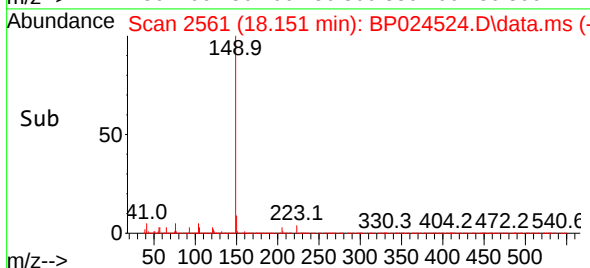
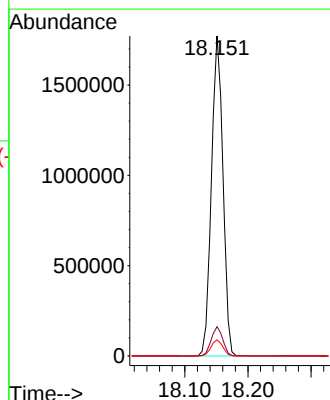
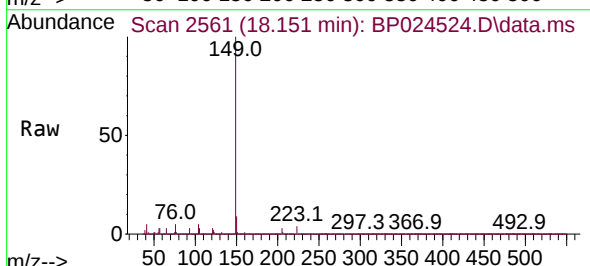
Tgt Ion:149 Resp: 2239523

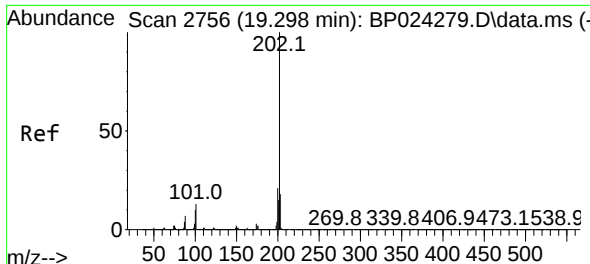
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.1 3.9 5.9

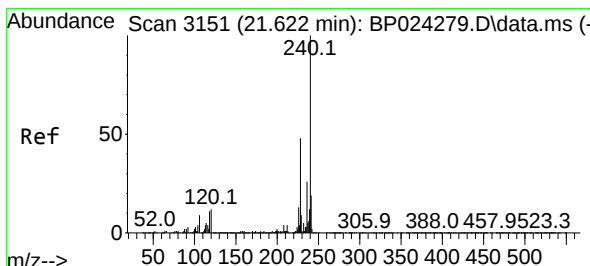
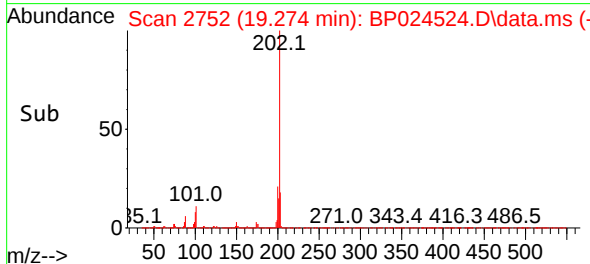
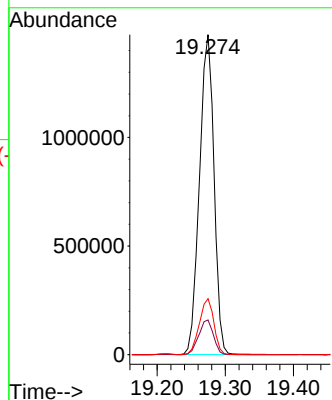
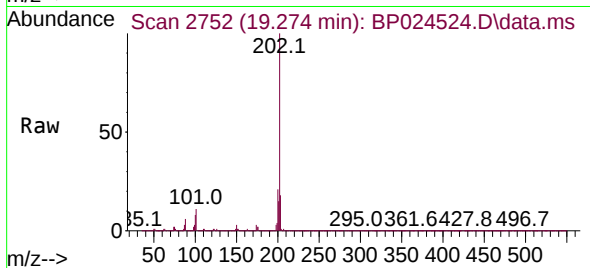




#75
Fluoranthene
Concen: 44.169 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

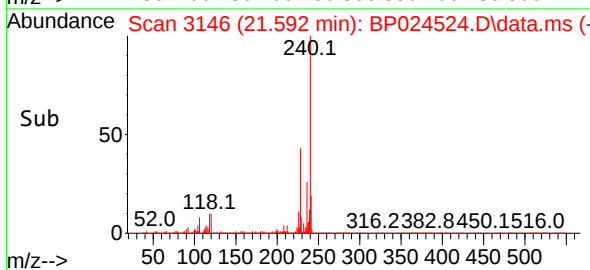
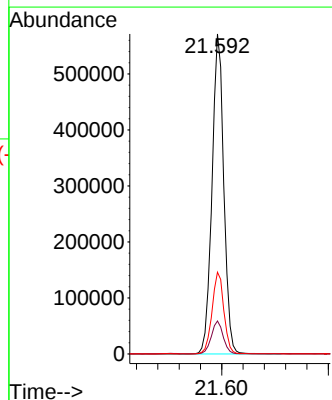
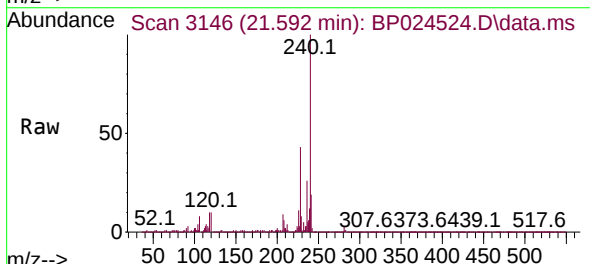
Instrument :
BNA_P
ClientSampleId :
PB167836BS

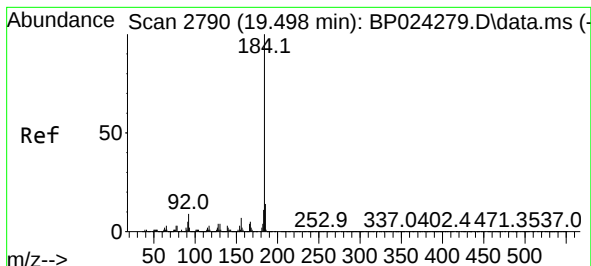
Tgt Ion:202 Resp: 2183612
Ion Ratio Lower Upper
202 100
101 10.9 0.0 33.2
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:240 Resp: 876116
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 25.5 20.9 31.3





#77

Benzidine

Concen: 76.522 ng

RT: 19.469 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

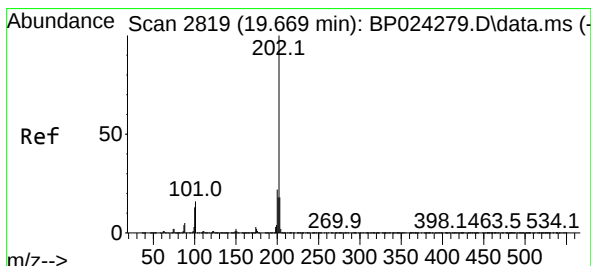
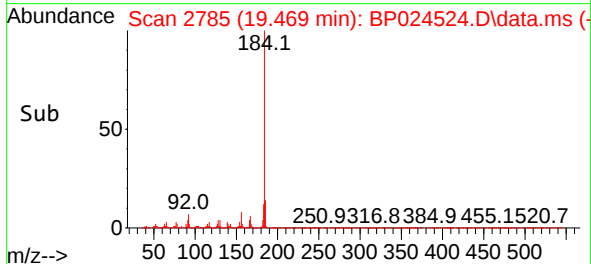
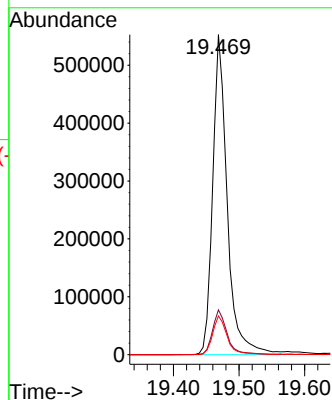
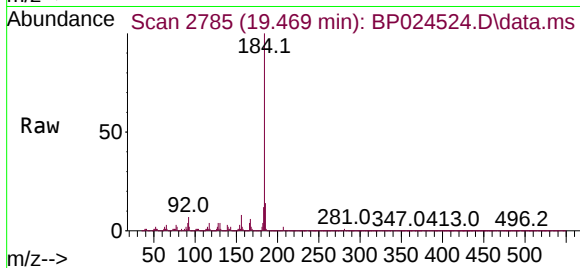
Tgt Ion:184 Resp: 849820

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 12.1 9.2 13.8



#78

Pyrene

Concen: 40.635 ng

RT: 19.651 min Scan# 2816

Delta R.T. 0.000 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

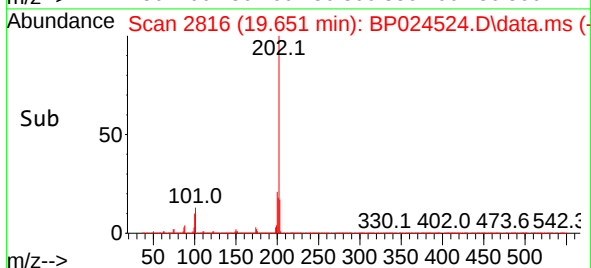
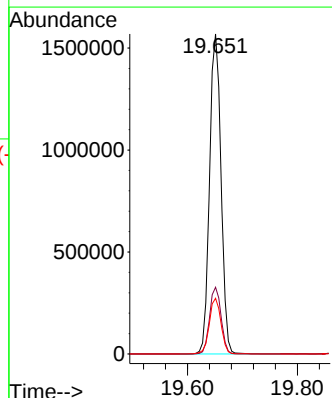
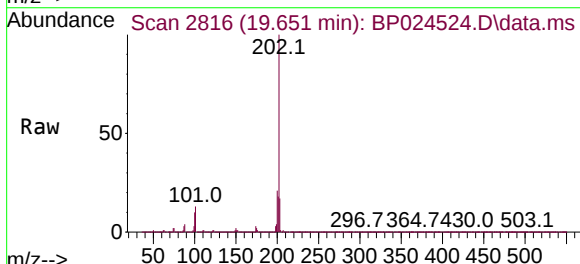
Tgt Ion:202 Resp: 2262502

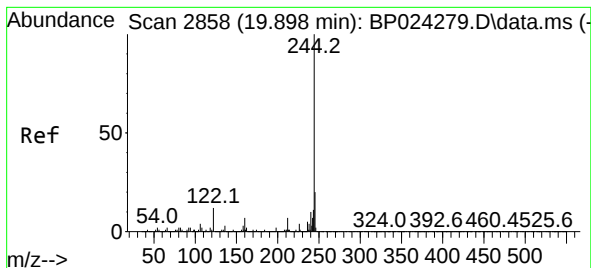
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 87.674 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

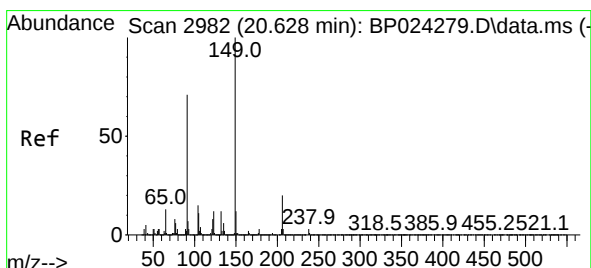
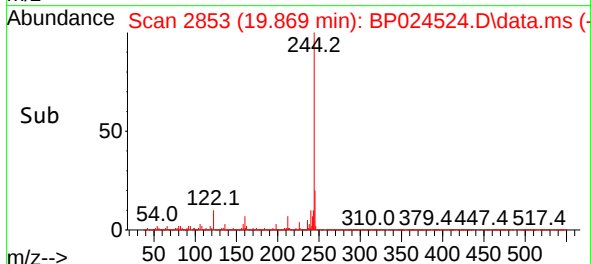
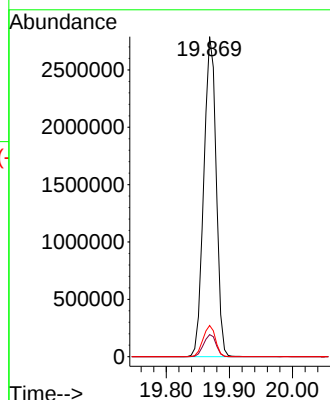
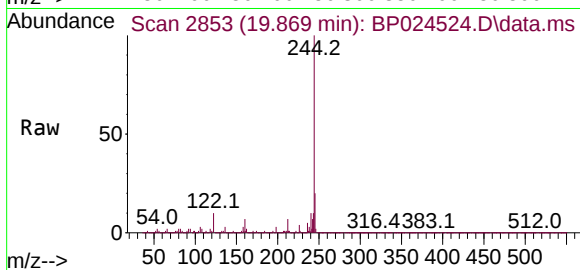
Tgt Ion:244 Resp: 3810818

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.7 9.4 14.0



#80

Butylbenzylphthalate

Concen: 45.519 ng

RT: 20.604 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

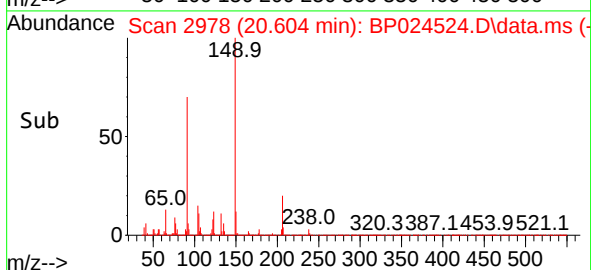
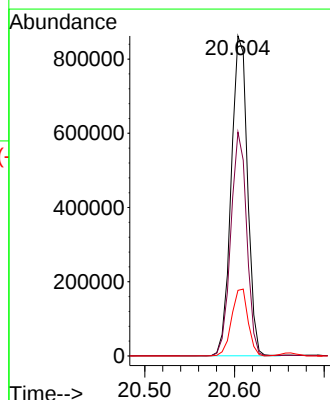
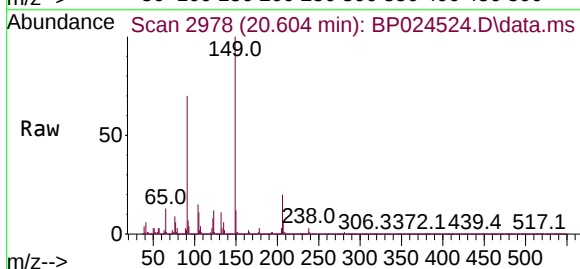
Tgt Ion:149 Resp: 1085550

Ion Ratio Lower Upper

149 100

91 70.0 56.4 84.6

206 20.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.757 ng

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

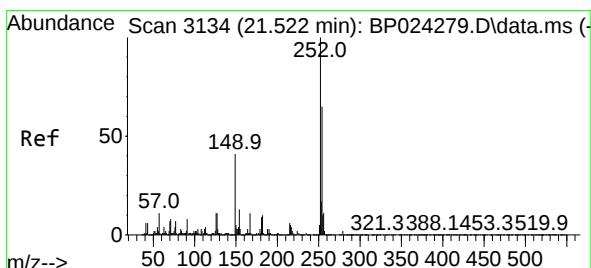
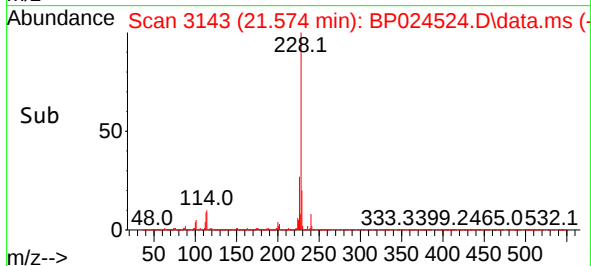
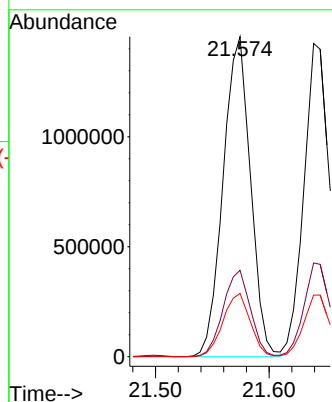
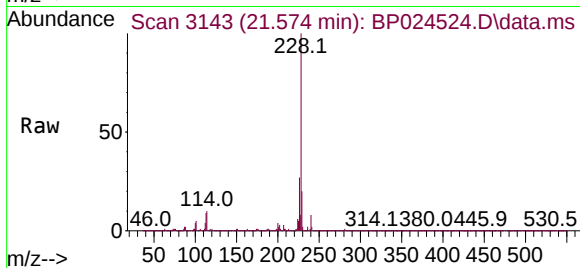
Tgt Ion:228 Resp: 2437272

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 27.889 ng

RT: 21.498 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

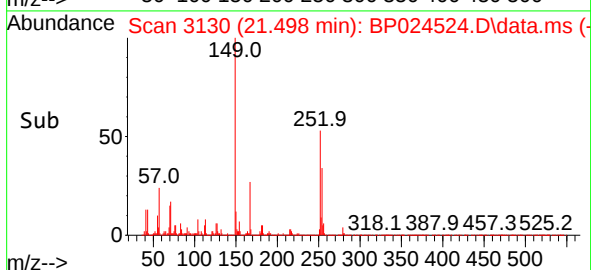
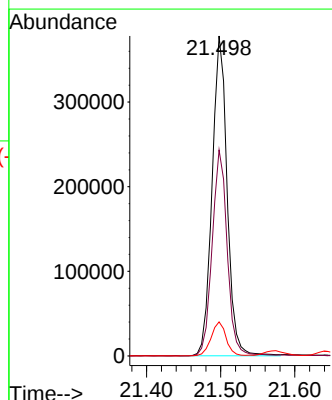
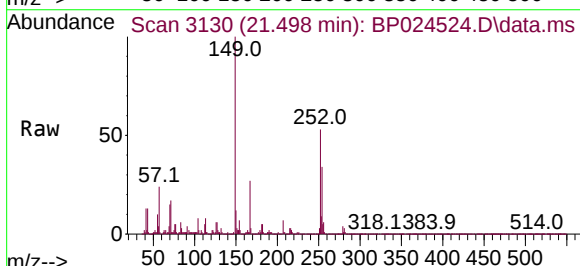
Tgt Ion:252 Resp: 533046

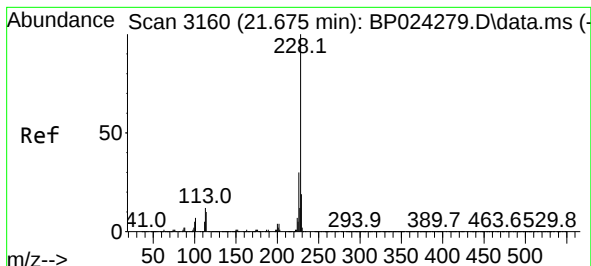
Ion Ratio Lower Upper

252 100

254 64.4 51.7 77.5

126 10.7 8.8 13.2





#83

Chrysene

Concen: 43.435 ng

RT: 21.639 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

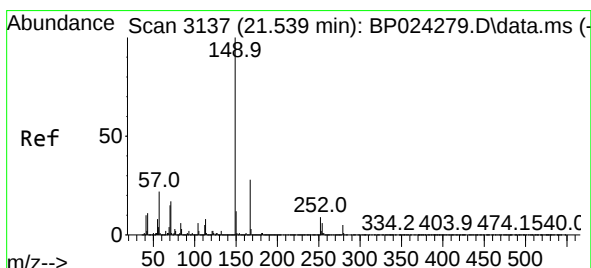
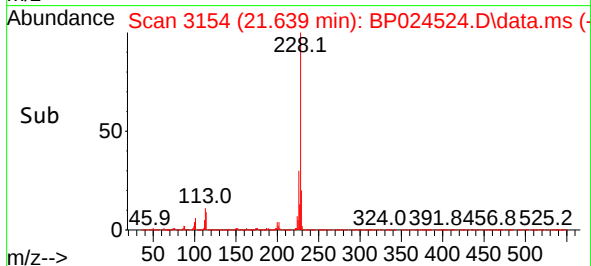
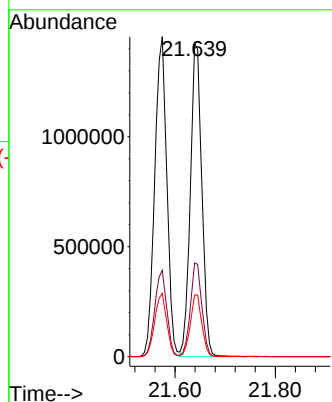
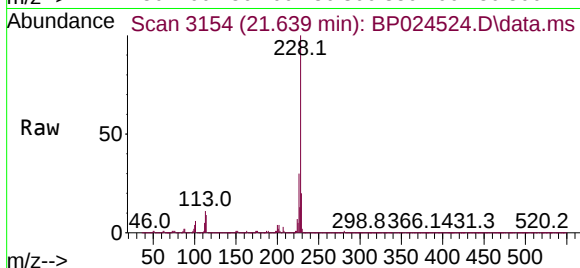
Tgt Ion:228 Resp: 2266044

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.527 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

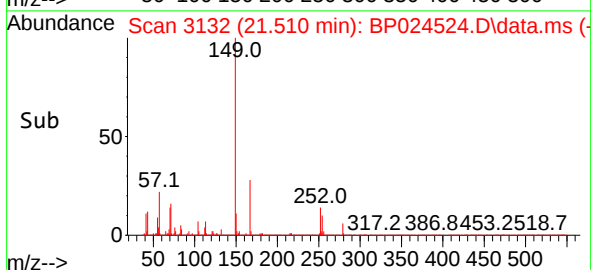
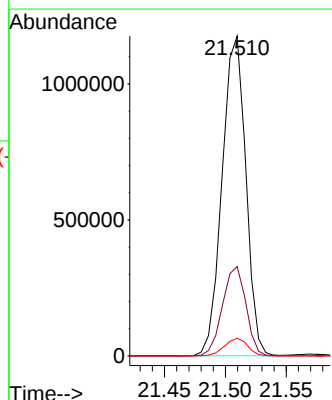
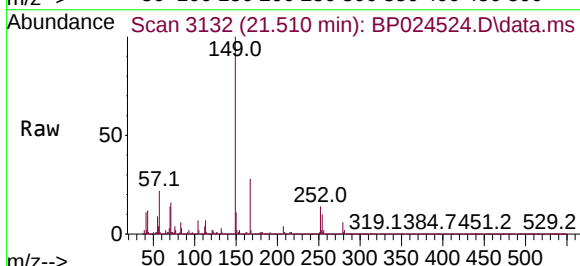
Tgt Ion:149 Resp: 1591637

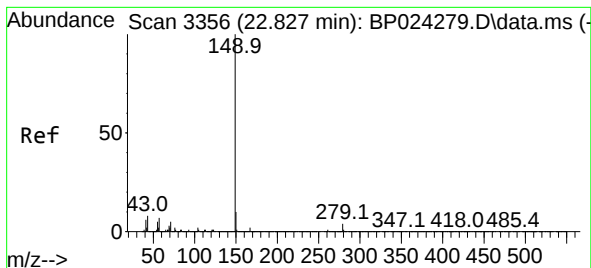
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 5.5 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.115 ng

RT: 22.780 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

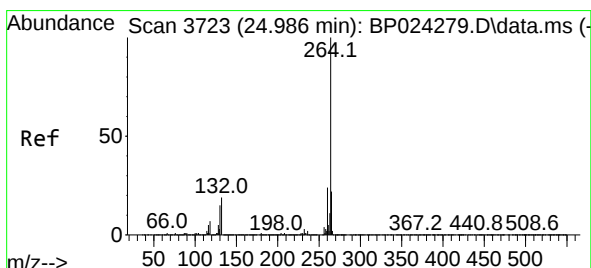
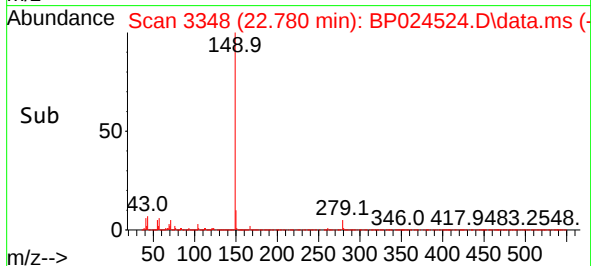
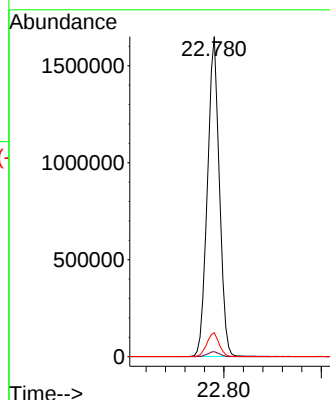
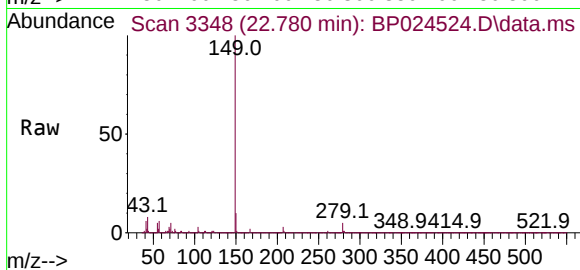
Tgt Ion:149 Resp: 2791472

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3715

Delta R.T. 0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

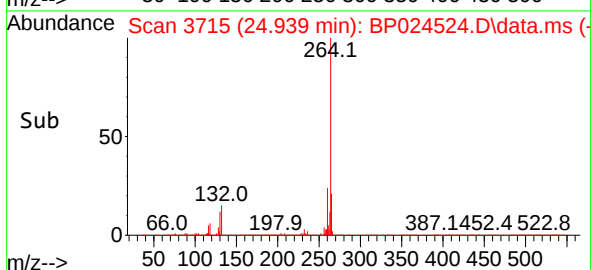
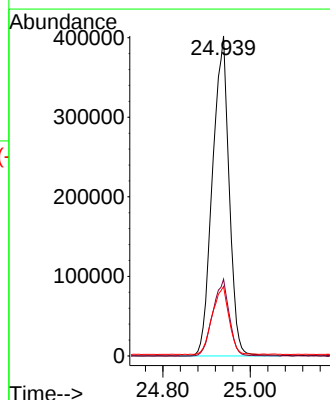
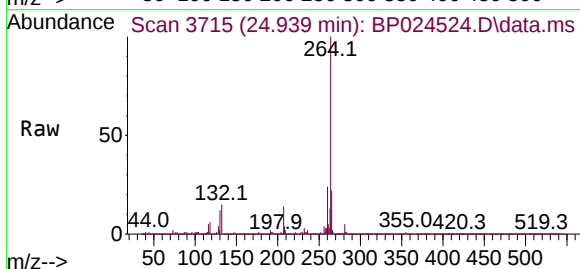
Tgt Ion:264 Resp: 1058529

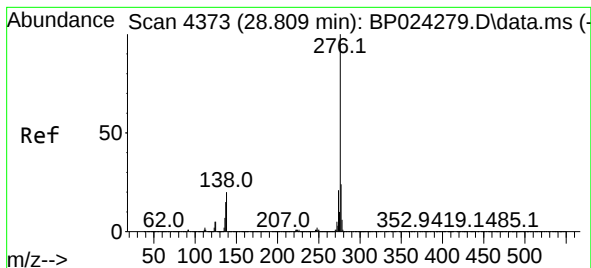
Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.473 ng

RT: 28.727 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

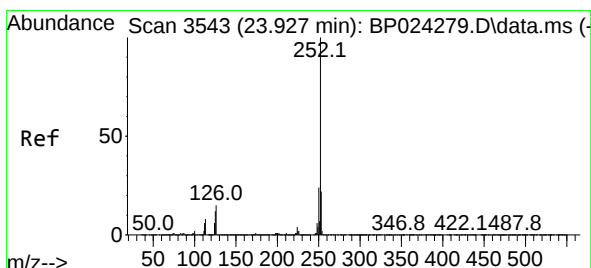
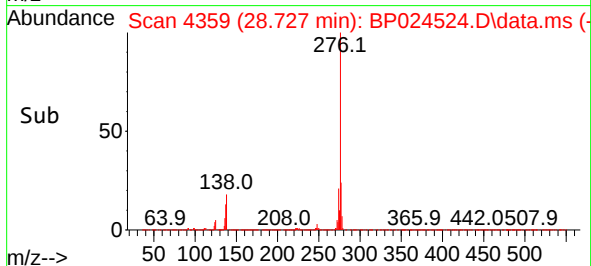
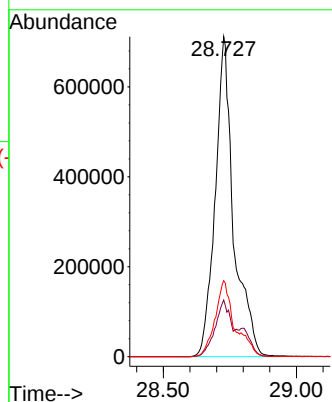
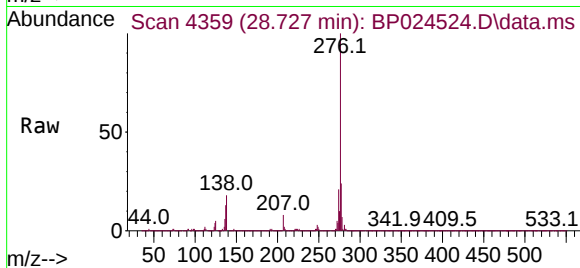
Tgt Ion:276 Resp: 3415216

Ion Ratio Lower Upper

276 100

138 15.1 14.5 21.7

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.298 ng

RT: 23.880 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

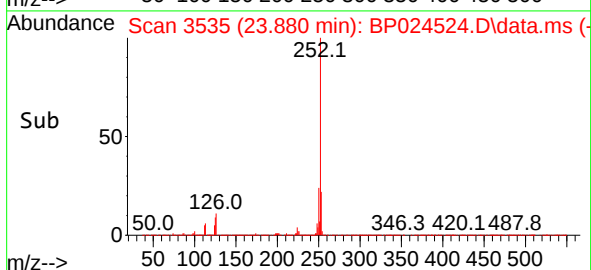
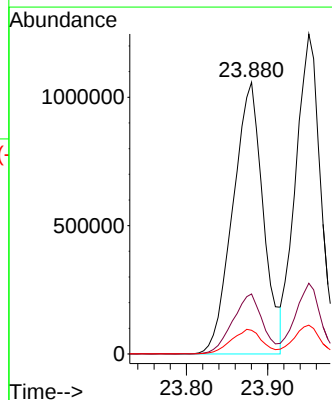
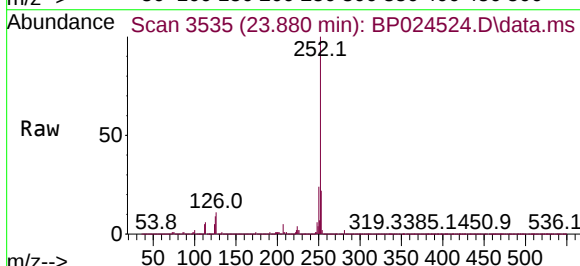
Tgt Ion:252 Resp: 2747246

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.7 9.4 14.0#

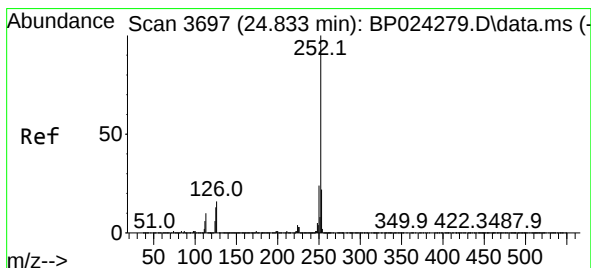
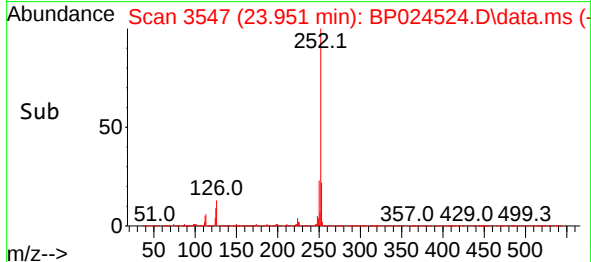
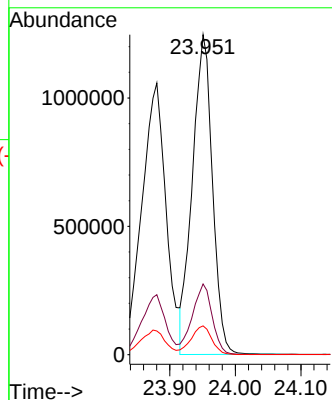
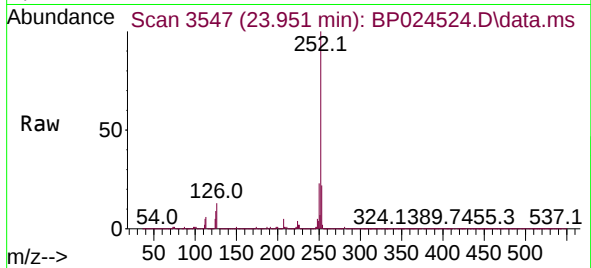




#89
Benzo(k)fluoranthene
Concen: 43.218 ng
RT: 23.951 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

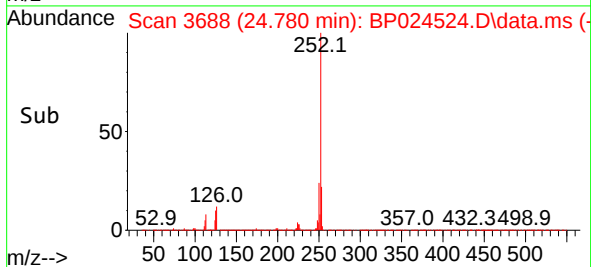
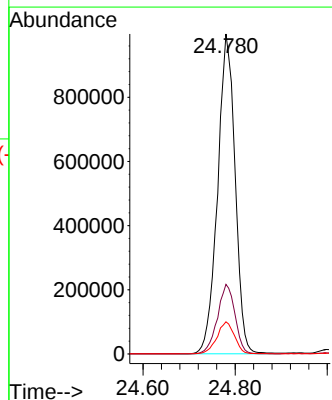
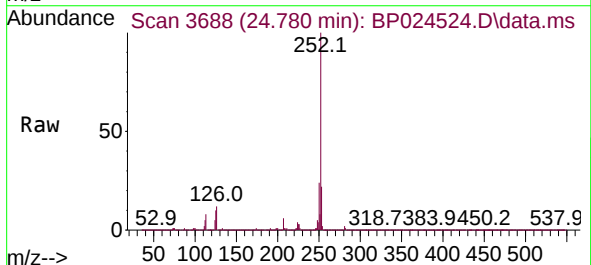
Instrument :
BNA_P
ClientSampleId :
PB167836BS

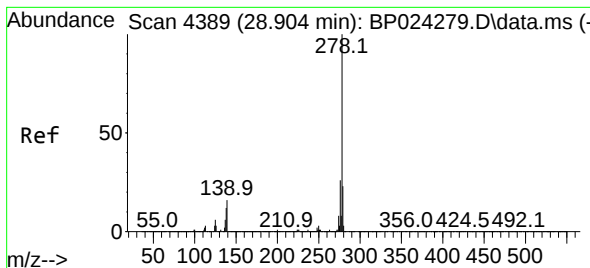
Tgt Ion:252 Resp: 2648737
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.0 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 47.908 ng
RT: 24.780 min Scan# 3688
Delta R.T. -0.000 min
Lab File: BP024524.D
Acq: 05 May 2025 13:59

Tgt Ion:252 Resp: 2622034
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.0 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 46.255 ng

RT: 28.797 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Instrument :

BNA_P

ClientSampleId :

PB167836BS

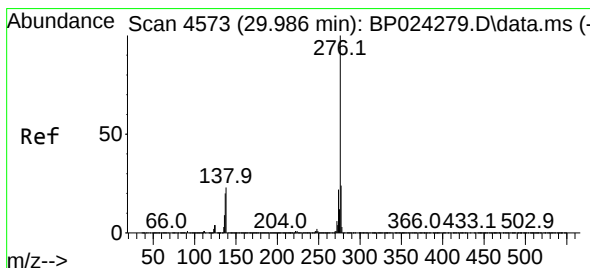
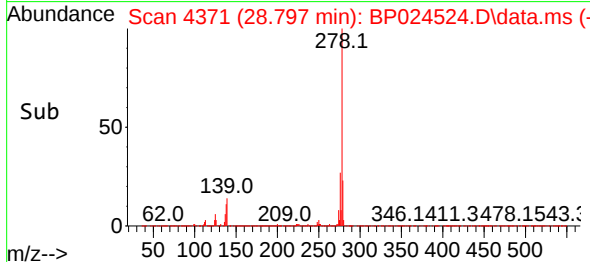
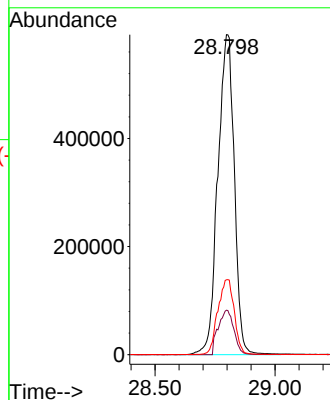
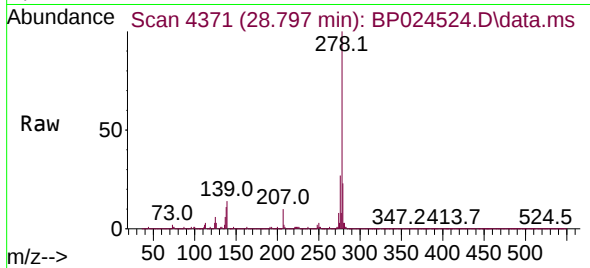
Tgt Ion:278 Resp: 2821392

Ion Ratio Lower Upper

278 100

139 13.9 12.6 19.0

279 23.4 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 43.950 ng

RT: 29.903 min Scan# 4559

Delta R.T. 0.006 min

Lab File: BP024524.D

Acq: 05 May 2025 13:59

Tgt Ion:276 Resp: 2728716

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 18.7 18.7 28.1

