

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024400.D
 Acq On : 23 Apr 2025 17:35
 Operator : RC/JU
 Sample : Q1842-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-08MSD

Quant Time: Apr 23 18:32:11 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	7.716	152	199444	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	786201	20.000	ng	-0.01
39) Acenaphthene-d10	14.340	164	472089	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	902353	20.000	ng	-0.01
76) Chrysene-d12	21.574	240	975544	20.000	ng	-0.02
86) Perylene-d12	24.927	264	1149292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1539705	127.647	ng	0.00
7) Phenol-d6	6.905	99	1905687	115.380	ng	0.00
23) Nitrobenzene-d5	8.869	82	1245982	90.368	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	991370	151.781	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2735099	88.707	ng	0.00
79) Terphenyl-d14	19.857	244	4627352	95.609	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	155220	30.423	ng	# 94
3) Pyridine	3.693	79	391515	29.061	ng	97
4) n-Nitrosodimethylamine	3.593	42	171972	38.462	ng	91
6) Aniline	7.058	93	354696	24.032	ng	98
8) 2-Chlorophenol	7.293	128	546933	40.612	ng	100
9) Benzaldehyde	6.869	77	153447	18.781	ng	98
10) Phenol	6.934	94	634208	38.278	ng	96
11) bis(2-Chloroethyl)ether	7.146	93	494800	37.065	ng	98
12) 1,3-Dichlorobenzene	7.610	146	494008	34.073	ng	98
13) 1,4-Dichlorobenzene	7.752	146	509675	34.647	ng	99
14) 1,2-Dichlorobenzene	8.069	146	501149	35.280	ng	99
15) Benzyl Alcohol	7.958	79	468873	43.896	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	549012	38.048	ng	99
17) 2-Methylphenol	8.163	107	464003	43.291	ng	99
18) Hexachloroethane	8.787	117	189640	35.672	ng	96
19) n-Nitroso-di-n-propyla...	8.516	70	383207	37.503	ng	98
20) 3+4-Methylphenols	8.487	107	626681	42.138	ng	98
22) Acetophenone	8.528	105	792527	40.728	ng	# 98
24) Nitrobenzene	8.910	77	554161	40.628	ng	99
25) Isophorone	9.428	82	1102338	44.169	ng	99
26) 2-Nitrophenol	9.610	139	291287	43.639	ng	97
27) 2,4-Dimethylphenol	9.675	122	527081	62.888	ng	100
28) bis(2-Chloroethoxy)met...	9.904	93	687080	40.753	ng	99
29) 2,4-Dichlorophenol	10.152	162	514725	45.042	ng	98
30) 1,2,4-Trichlorobenzene	10.352	180	487527	39.818	ng	100
31) Naphthalene	10.540	128	1574819	38.026	ng	100
32) Benzoic acid	9.828	122	378925	38.801	ng	100
33) 4-Chloroaniline	10.657	127	196379	13.465	ng	98
34) Hexachlorobutadiene	10.828	225	290418	40.364	ng	98
35) Caprolactam	11.446	113	164151	38.929	ng	98
36) 4-Chloro-3-methylphenol	11.787	107	600395	45.106	ng	98
37) 2-Methylnaphthalene	12.146	142	1054765	36.724	ng	98
38) 1-Methylnaphthalene	12.369	142	1109423	39.485	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	577657	44.495	ng	99
41) Hexachlorocyclopentadiene	12.504	237	735231	160.126	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	418800	48.520	ng	98

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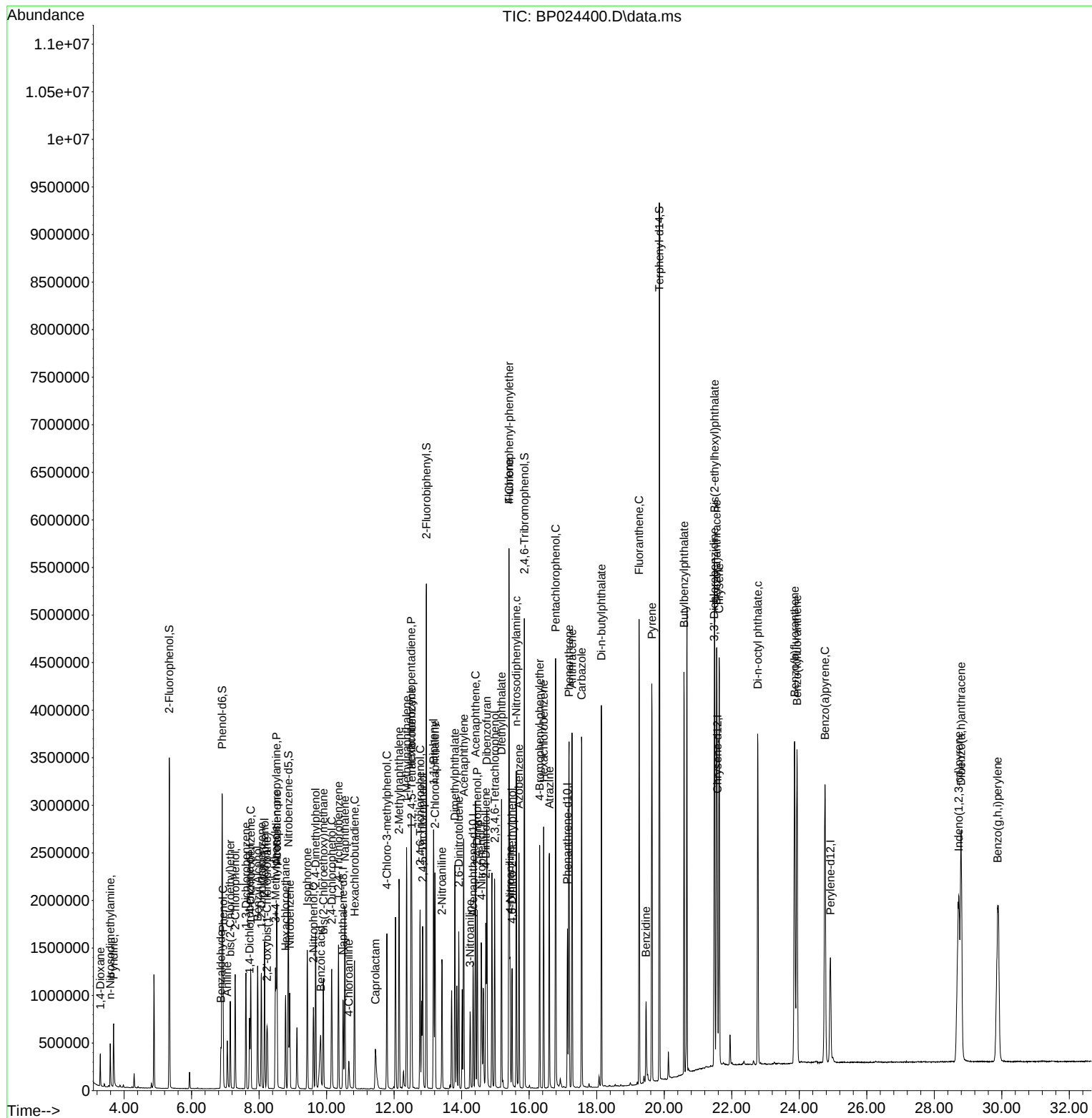
Instrument :
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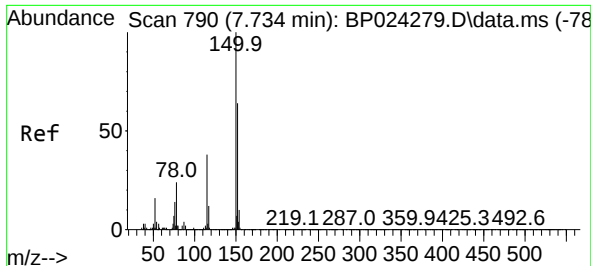
Quant Time: Apr 23 18:32:11 2025
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 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	467987	48.962	ng	99
46) 1,1'-Biphenyl	13.169	154	1505321	43.380	ng	100
47) 2-Chloronaphthalene	13.210	162	1160971	44.765	ng	99
48) 2-Nitroaniline	13.416	65	364335	50.081	ng	98
49) Acenaphthylene	14.063	152	1959596	47.991	ng	100
50) Dimethylphthalate	13.798	163	1547999	45.090	ng	99
51) 2,6-Dinitrotoluene	13.916	165	343921	47.176	ng	98
52) Acenaphthene	14.410	154	1128749	43.603	ng	100
53) 3-Nitroaniline	14.251	138	233585	30.486	ng	99
54) 2,4-Dinitrophenol	14.463	184	443566	103.293	ng	93
55) Dibenzofuran	14.745	168	1822403	43.069	ng	97
56) 4-Nitrophenol	14.587	139	619546	93.624	ng	97
57) 2,4-Dinitrotoluene	14.716	165	499600	50.238	ng	98
58) Fluorene	15.404	166	1491175	45.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	421879	47.856	ng	99
60) Diethylphthalate	15.181	149	1585319	44.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	726012	45.642	ng	98
62) 4-Nitroaniline	15.434	138	385355	47.509	ng	95
63) Azobenzene	15.698	77	1397081	42.964	ng	98
65) 4,6-Dinitro-2-methylph...	15.492	198	279236	49.084	ng	96
66) n-Nitrosodiphenylamine	15.616	169	1293473	48.025	ng	100
67) 4-Bromophenyl-phenylether	16.310	248	474794	48.110	ng	98
68) Hexachlorobenzene	16.428	284	573697	48.921	ng	97
69) Atrazine	16.598	200	460989	67.203	ng	99
70) Pentachlorophenol	16.786	266	830680	101.537	ng	99
71) Phenanthrene	17.181	178	2300738	46.738	ng	100
72) Anthracene	17.269	178	2360129	49.746	ng	99
73) Carbazole	17.557	167	2269328	48.954	ng	100
74) Di-n-butylphthalate	18.139	149	2800596	48.492	ng	100
75) Fluoranthene	19.257	202	2708288	46.259	ng	99
77) Benzidine	19.463	184	633640	51.241	ng	99
78) Pyrene	19.633	202	2836976	45.760	ng	99
80) Butylbenzylphthalate	20.586	149	1326774	49.964	ng	98
81) Benzo(a)anthracene	21.551	228	2934263	48.391	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	818606	38.464	ng	100
83) Chrysene	21.627	228	2758378	47.483	ng	99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1925286	49.457	ng	99
85) Di-n-octyl phthalate	22.769	149	3213381	50.775	ng	99
87) Indeno(1,2,3-cd)pyrene	28.721	276	3455670	43.310	ng	98
88) Benzo(b)fluoranthene	23.863	252	3216137	46.685	ng	98
89) Benzo(k)fluoranthene	23.933	252	3139122	47.174	ng	99
90) Benzo(a)pyrene	24.763	252	3093609	52.060	ng	98
91) Dibenzo(a,h)anthracene	28.792	278	3404772	51.411	ng	99
92) Benzo(g,h,i)perylene	29.874	276	1901457	28.207	ng	98

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

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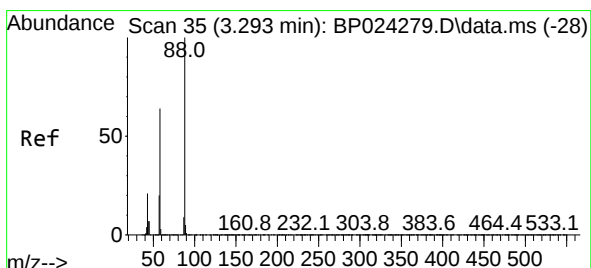
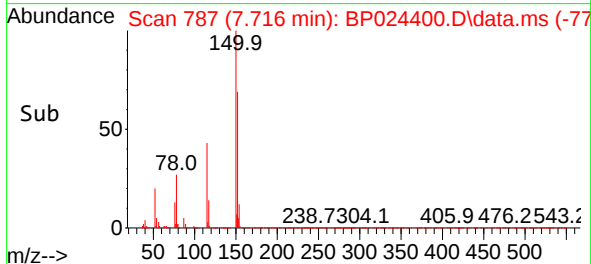
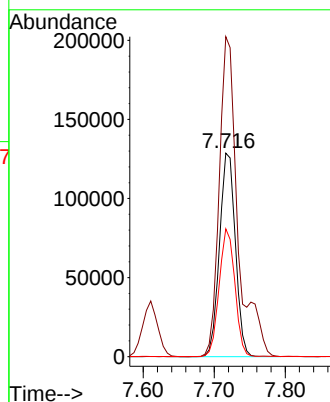
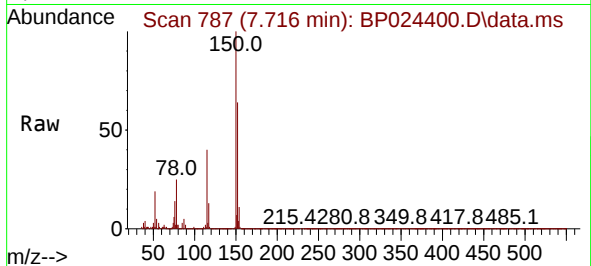




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP024400.D
 Acq: 23 Apr 2025 17:35

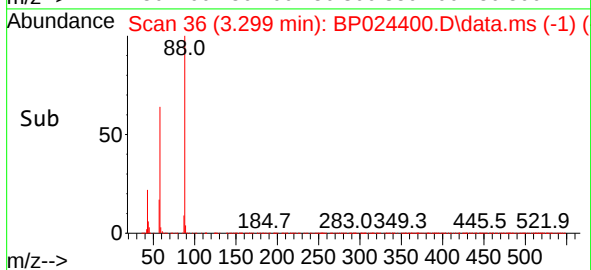
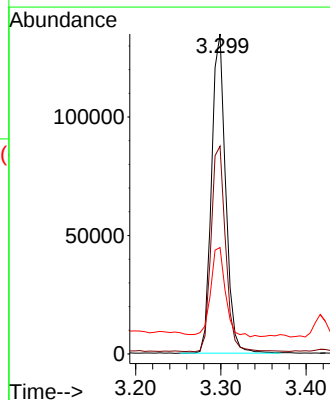
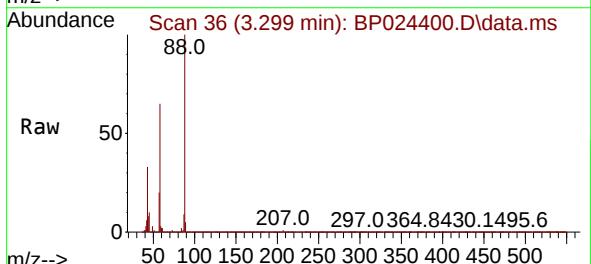
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-08MSD

Tgt Ion:152 Resp: 199444
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.9 187.3
 115 62.8 47.7 71.5



#2
 1,4-Dioxane
 Concen: 30.423 ng
 RT: 3.299 min Scan# 36
 Delta R.T. 0.012 min
 Lab File: BP024400.D
 Acq: 23 Apr 2025 17:35

Tgt Ion: 88 Resp: 155220
 Ion Ratio Lower Upper
 88 100
 58 66.0 51.4 77.2
 43 29.3 17.1 25.7#

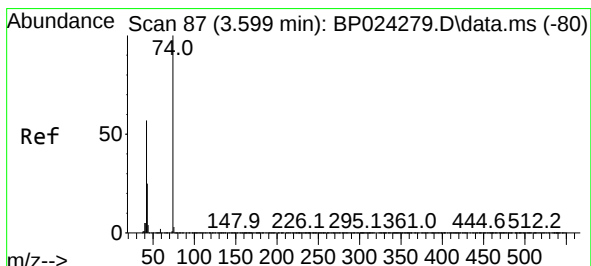
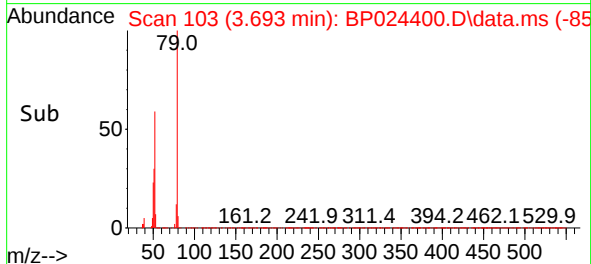
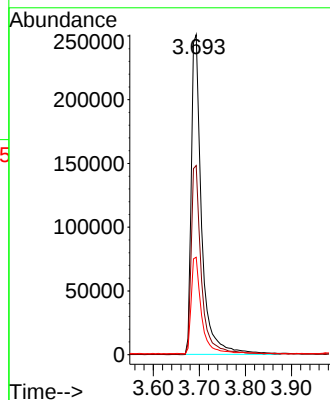
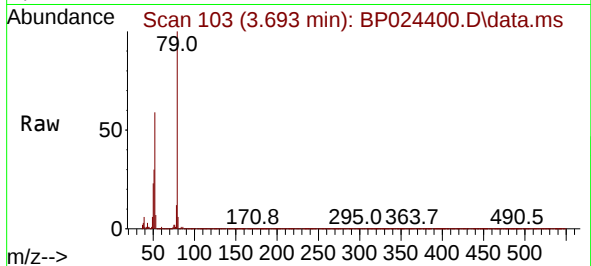




#3
Pyridine
Concen: 29.061 ng
RT: 3.693 min Scan# 103
Delta R.T. 0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

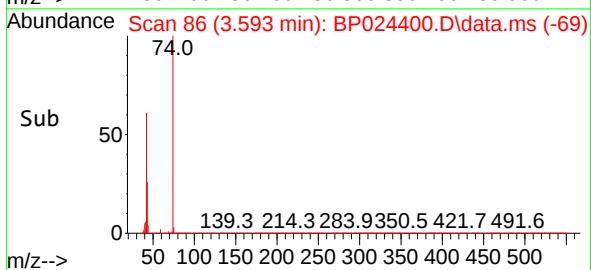
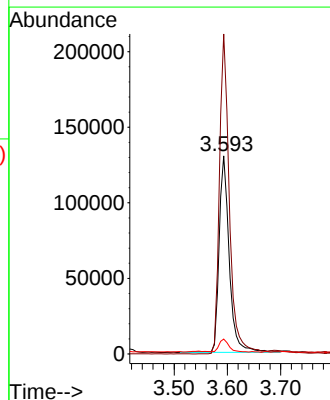
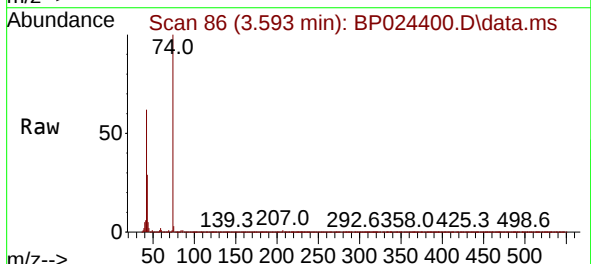
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ClientSampleId :
PL-714-COMP-08MSD

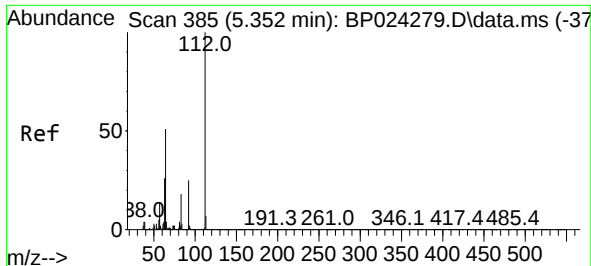
Tgt Ion: 79 Resp: 391515
Ion Ratio Lower Upper
79 100
52 59.1 45.4 68.2
51 30.5 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 38.462 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 42 Resp: 171972
Ion Ratio Lower Upper
42 100
74 161.6 139.5 209.3
44 7.5 5.8 8.8

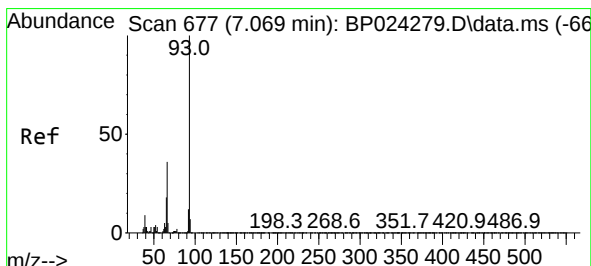
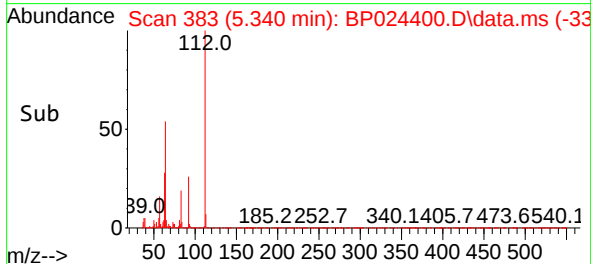
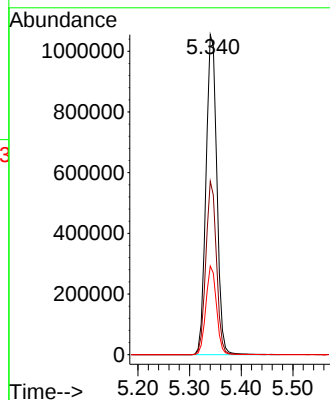
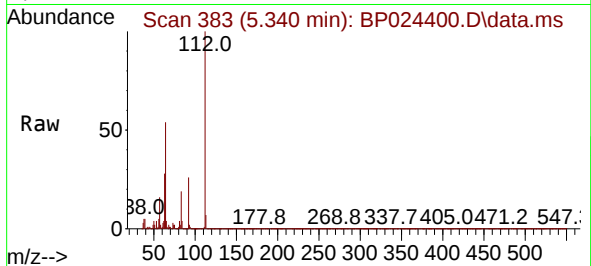




#5
2-Fluorophenol
Concen: 127.647 ng
RT: 5.340 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

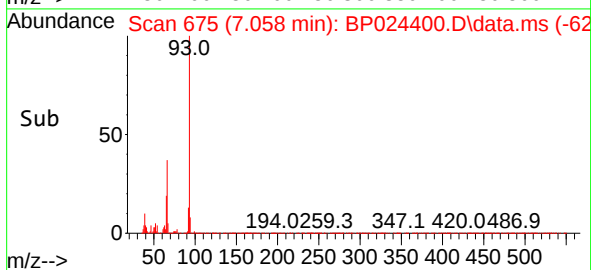
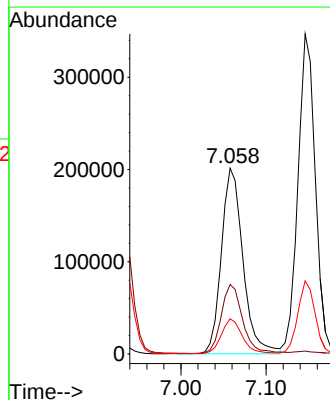
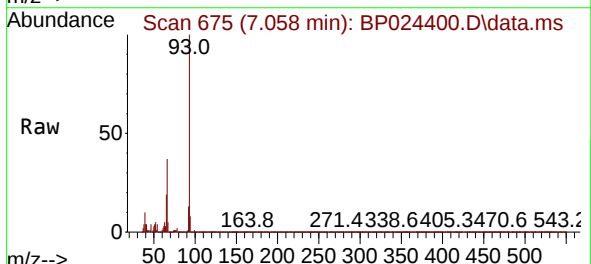
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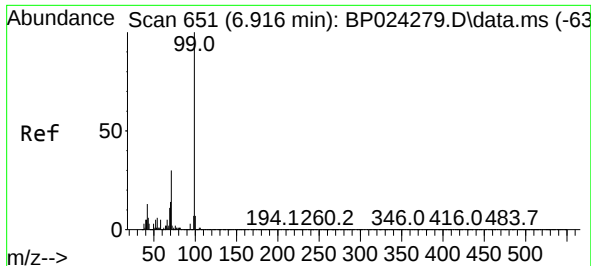
Tgt Ion:112 Resp: 1539705
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 27.7 20.6 30.8



#6
Aniline
Concen: 24.032 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 93 Resp: 354696
Ion Ratio Lower Upper
93 100
66 37.4 29.1 43.7
65 19.0 14.7 22.1



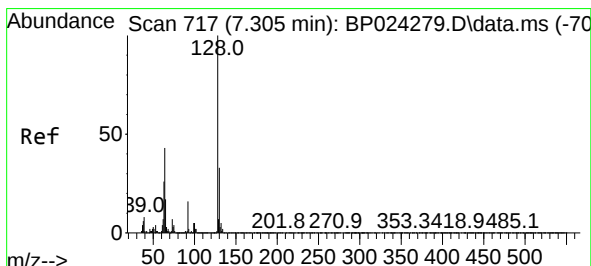
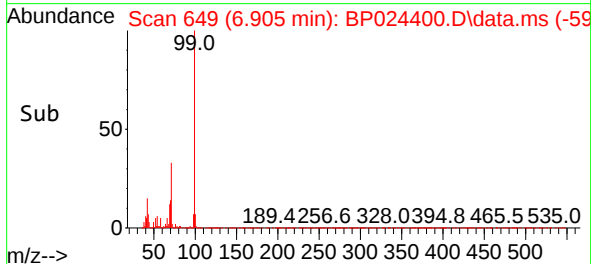
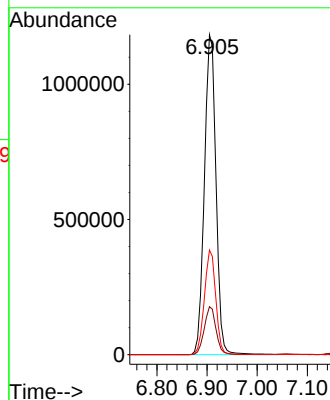
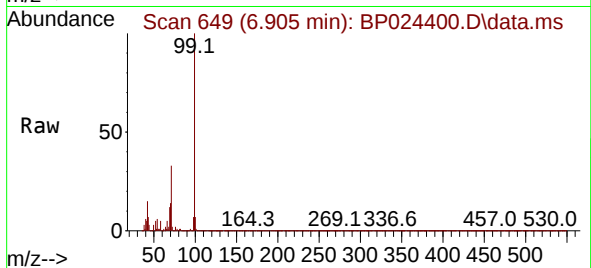


#7
Phenol-d6
Concen: 115.380 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion: 99 Resp: 1905687

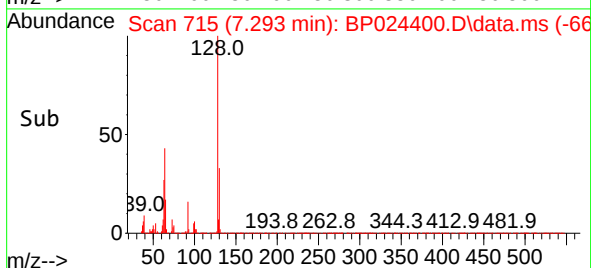
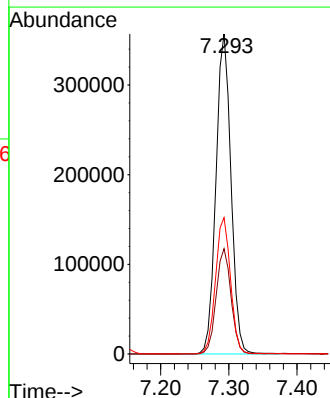
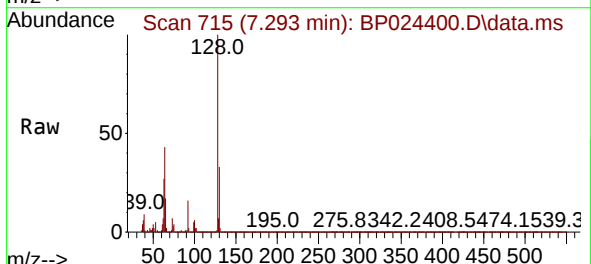
Ion	Ratio	Lower	Upper
99	100		
42	15.0	10.6	16.0
71	32.7	23.7	35.5

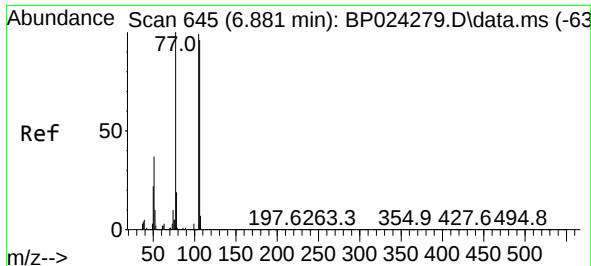


#8
2-Chlorophenol
Concen: 40.612 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:128 Resp: 546933

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	42.6	22.7	62.7

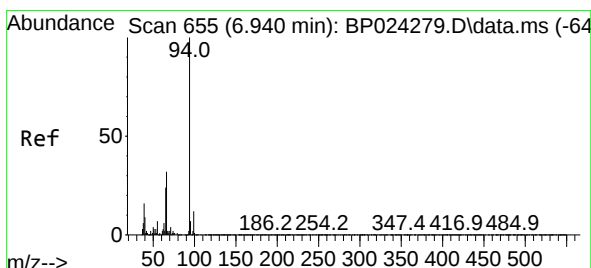
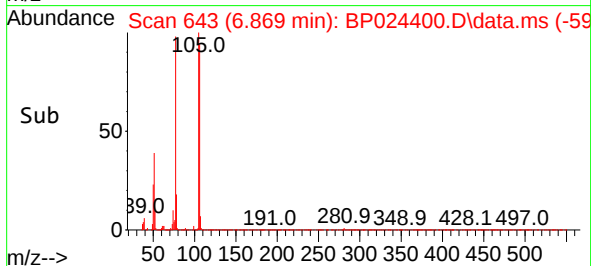
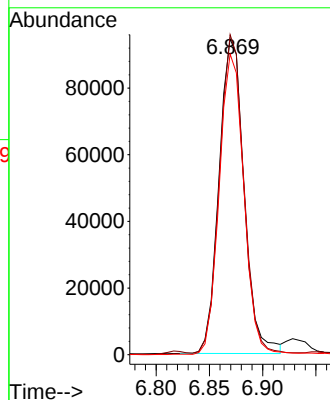
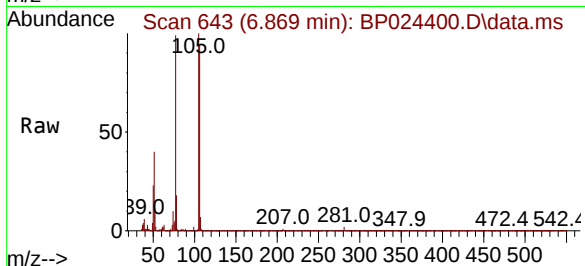




#9
Benzaldehyde
Concen: 18.781 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

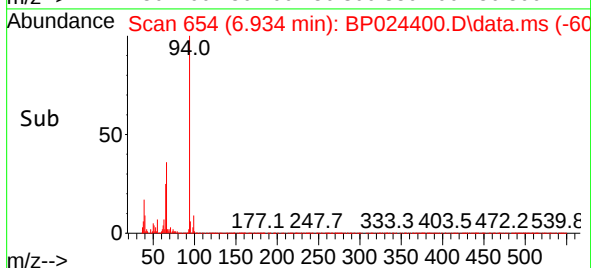
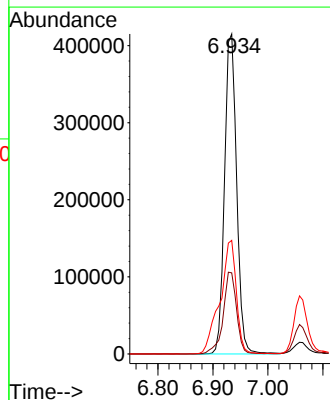
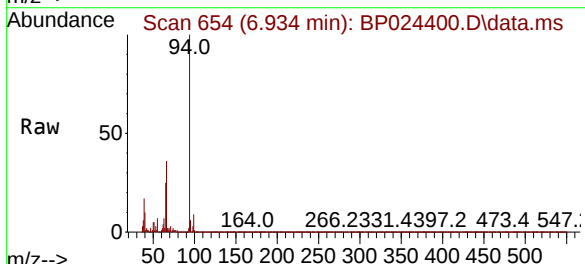
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ClientSampleId :
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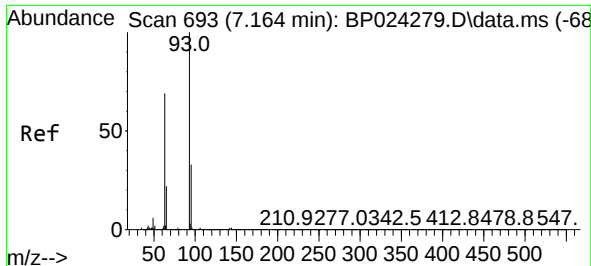
Tgt Ion: 77 Resp: 153447
Ion Ratio Lower Upper
77 100
105 101.3 79.2 119.2
106 95.2 76.2 116.2



#10
Phenol
Concen: 38.278 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 94 Resp: 634208
Ion Ratio Lower Upper
94 100
65 25.4 4.5 44.5
66 35.5 12.4 52.4





#11

bis(2-Chloroethyl)ether

Concen: 37.065 ng

RT: 7.146 min Scan# 693

Delta R.T. -0.012 min

Lab File: BP024400.D

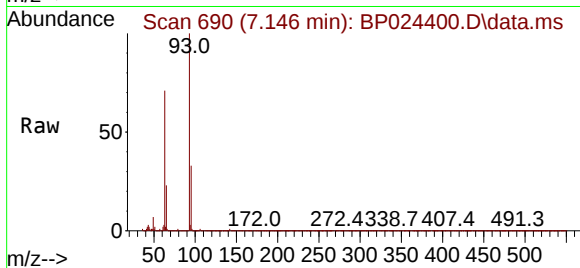
Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD



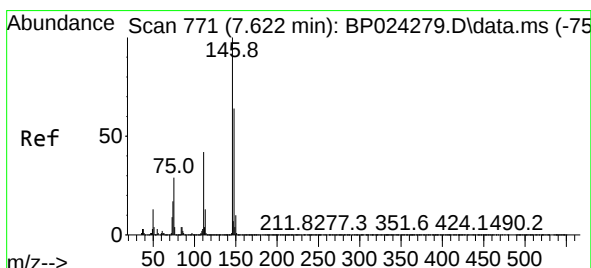
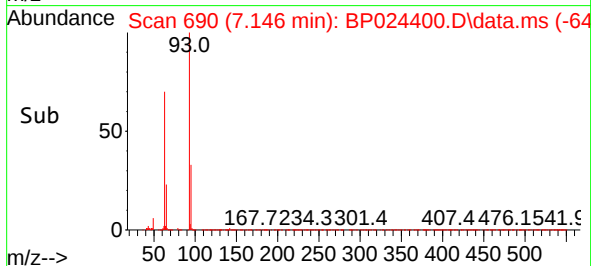
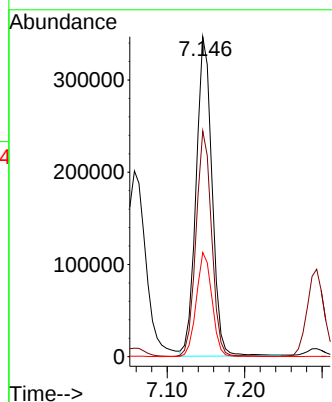
Tgt Ion: 93 Resp: 494800

Ion Ratio Lower Upper

93 100

63 70.5 48.6 88.6

95 32.6 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 34.073 ng

RT: 7.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

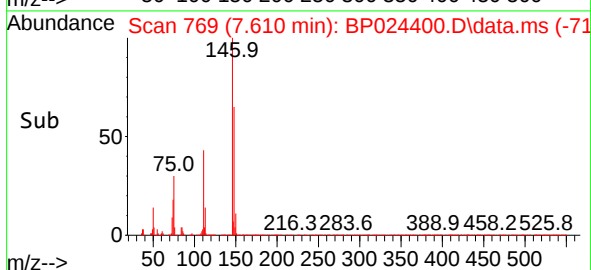
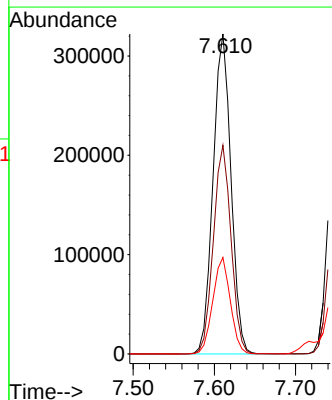
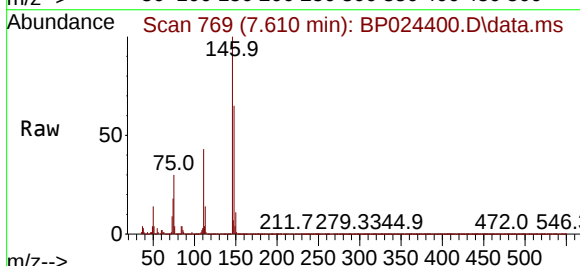
Tgt Ion: 146 Resp: 494008

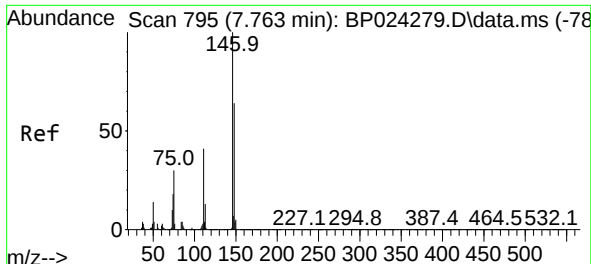
Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.0

75 30.2 22.9 34.3

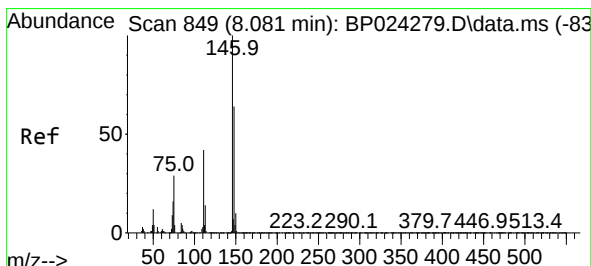
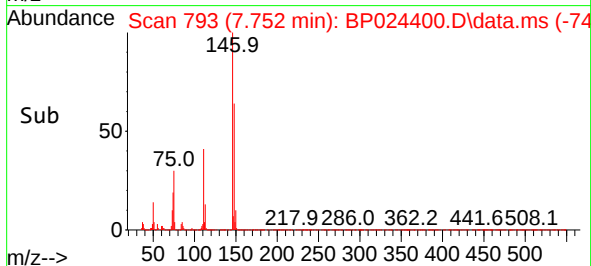
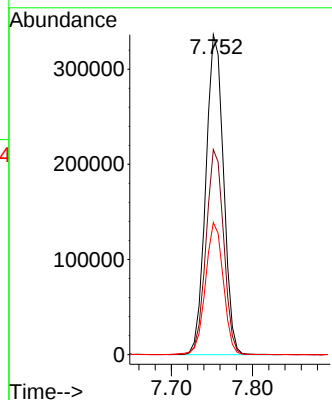
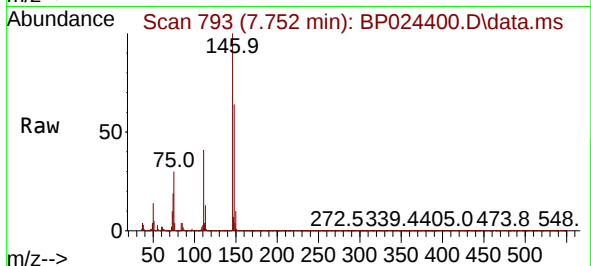




#13
1,4-Dichlorobenzene
Concen: 34.647 ng
RT: 7.752 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

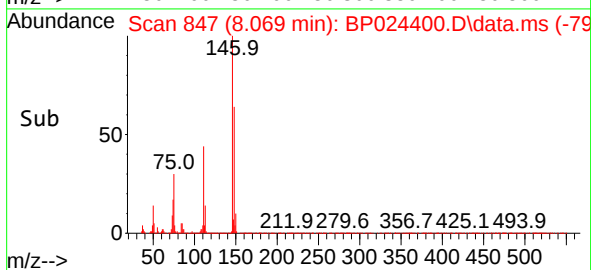
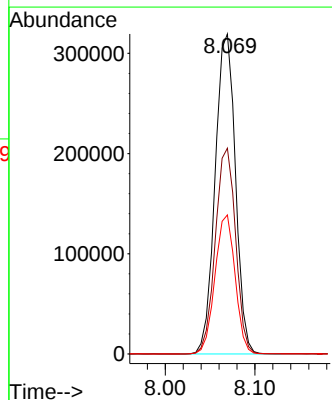
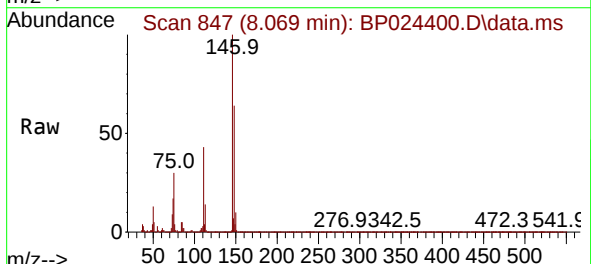
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

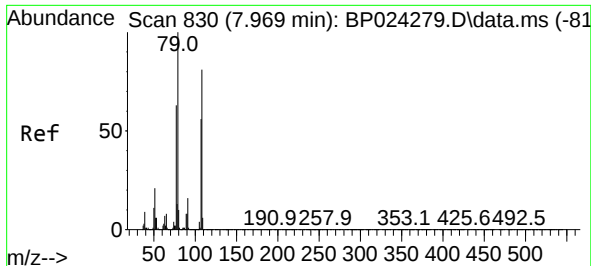
Tgt Ion:146 Resp: 509675
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 41.3 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 35.280 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:146 Resp: 501149
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 43.5 33.8 50.8

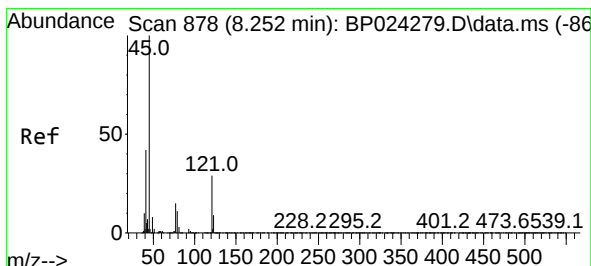
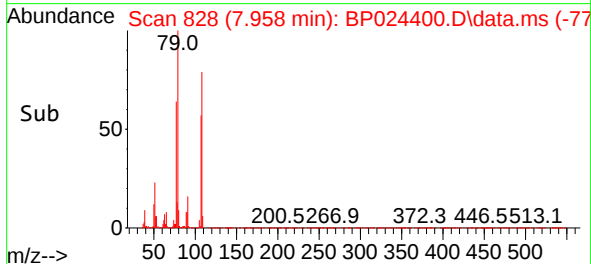
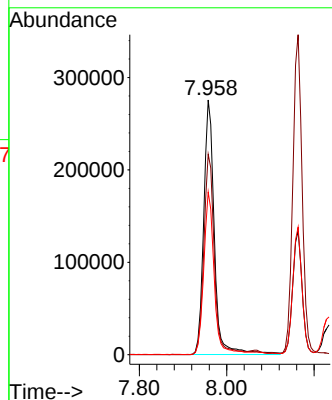
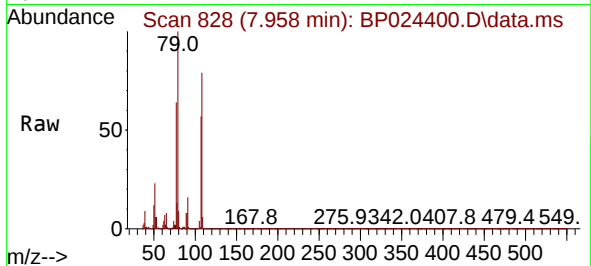




#15
Benzyl Alcohol
Concen: 43.896 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

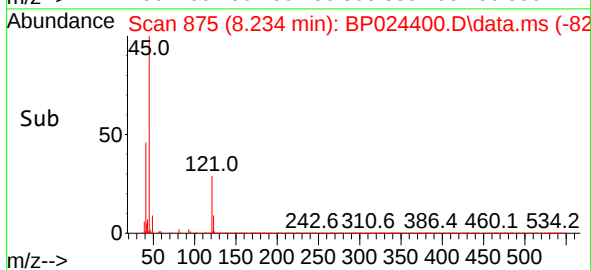
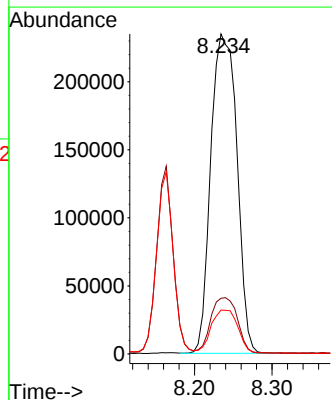
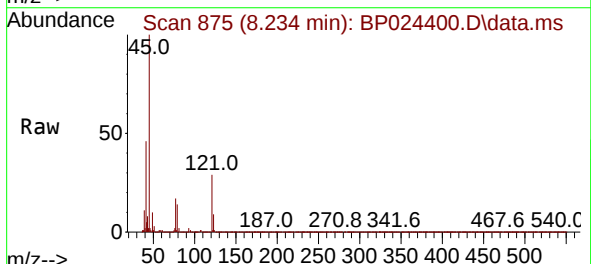
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion: 79 Resp: 468873
Ion Ratio Lower Upper
79 100
108 78.7 65.1 97.7
77 63.9 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.048 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 45 Resp: 549012
Ion Ratio Lower Upper
45 100
77 17.4 0.0 37.7
79 13.7 0.0 33.5



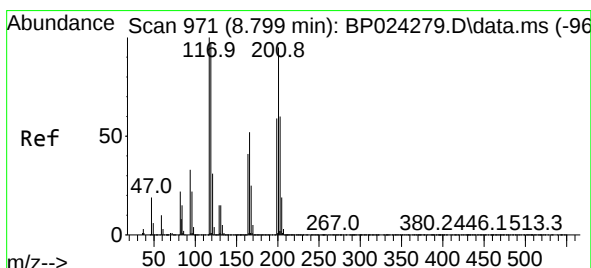
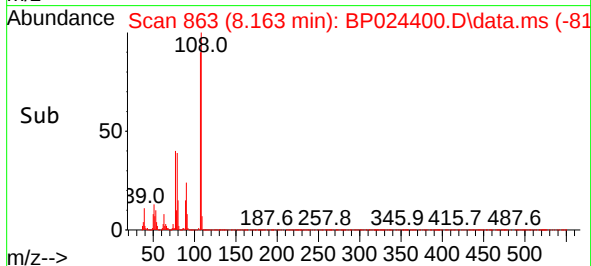
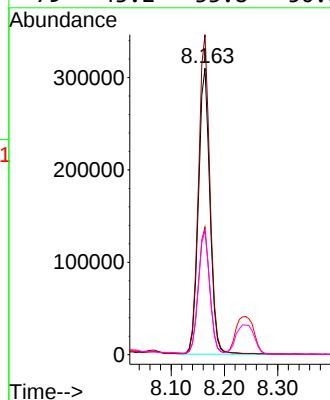
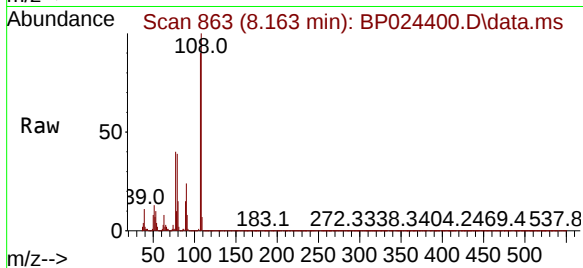


#17
2-Methylphenol
Concen: 43.291 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion:107 Resp: 464003

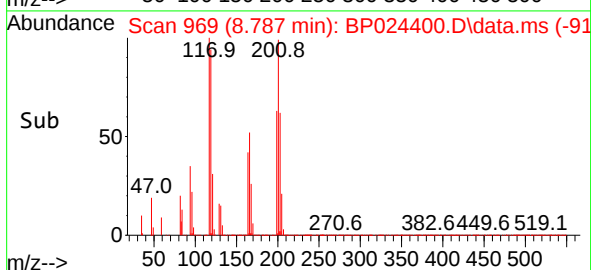
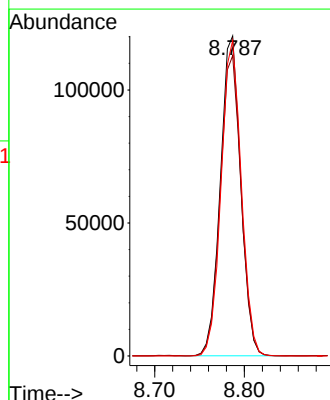
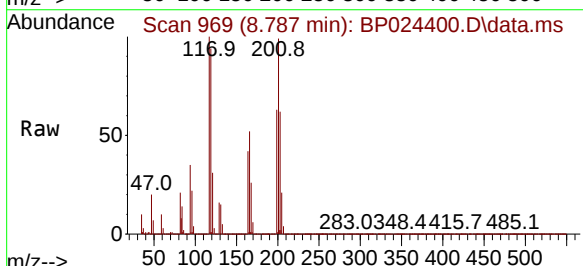
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.8	134.6
77	44.5	34.2	51.4
79	43.2	33.8	50.8



#18
Hexachloroethane
Concen: 35.672 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:117 Resp: 189640

Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.8	116.6
201	98.7	75.9	113.9



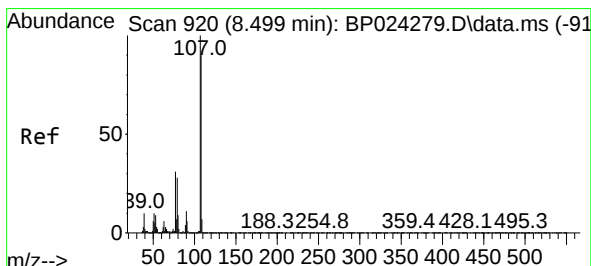
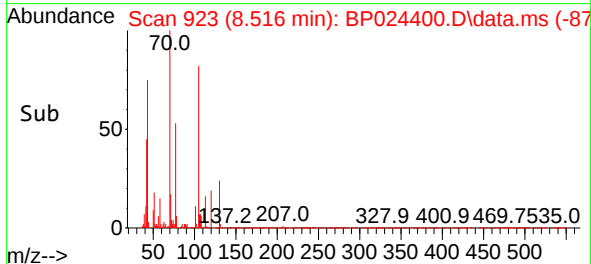
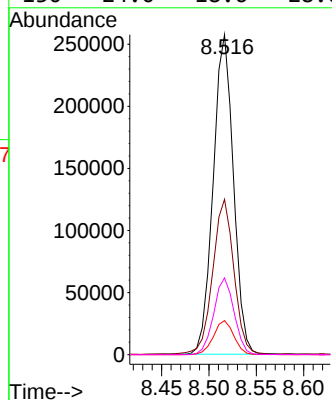
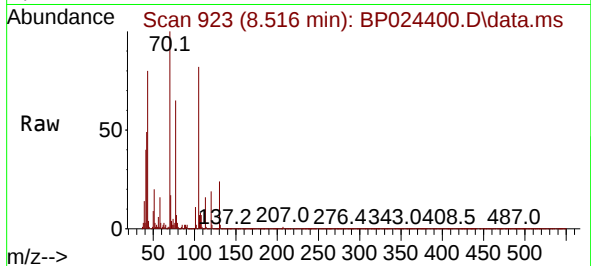


#19
n-Nitroso-di-n-propylamine
Concen: 37.503 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Tgt Ion: 70 Resp: 383207

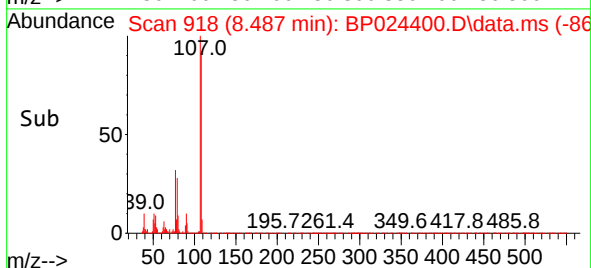
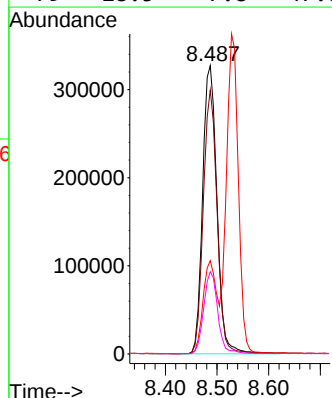
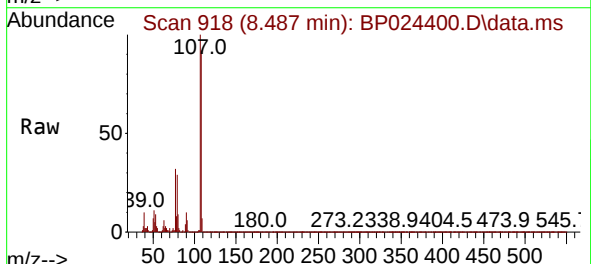
Ion	Ratio	Lower	Upper
70	100		
42	48.6	37.3	55.9
101	10.6	8.2	12.4
130	24.0	18.6	28.0

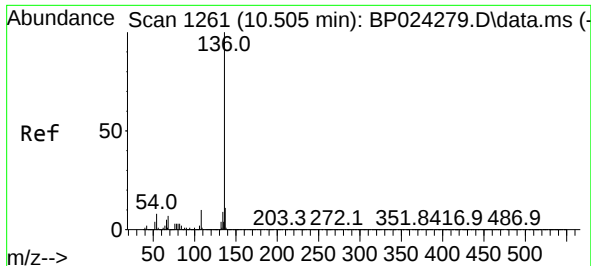


#20
3+4-Methylphenols
Concen: 42.138 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 107 Resp: 626681

Ion	Ratio	Lower	Upper
107	100		
108	91.5	69.8	109.8
77	32.4	11.5	51.5
79	28.5	7.8	47.8

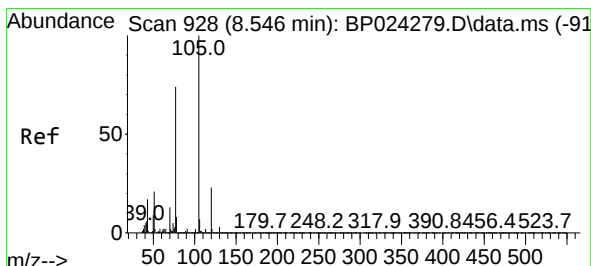
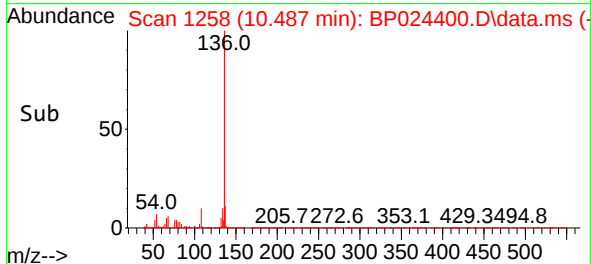
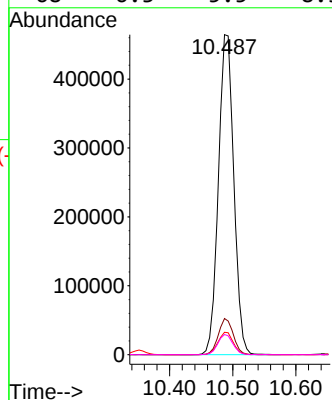
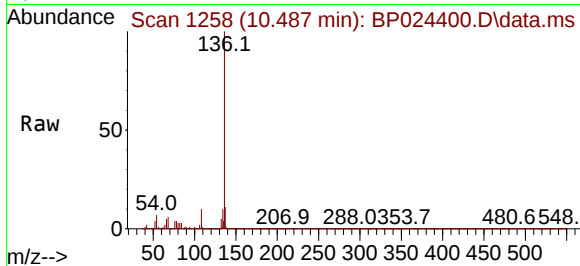




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

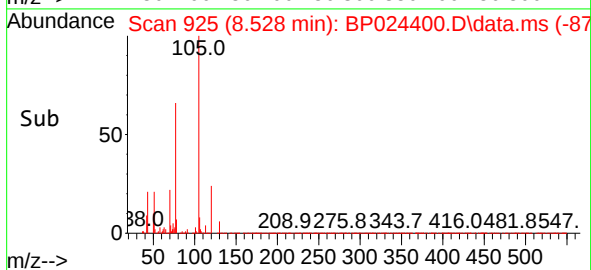
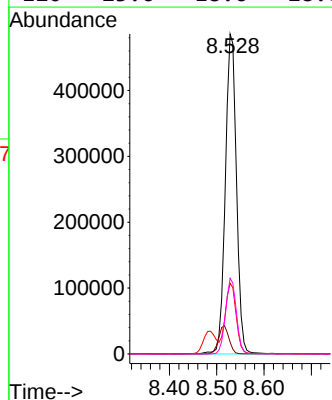
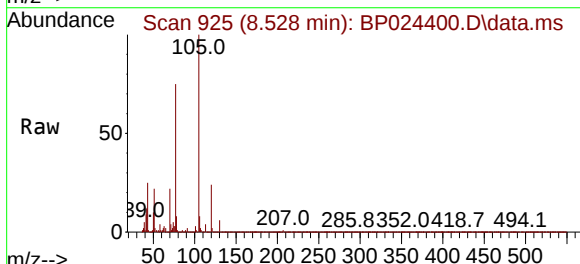
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

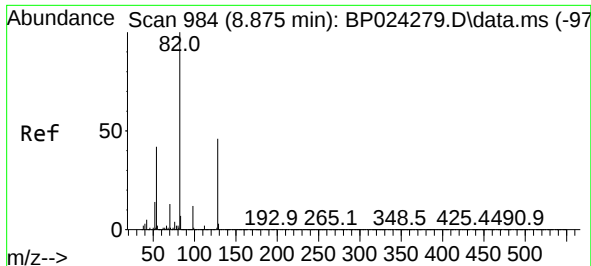
Tgt Ion:	136	Resp:	786201
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.0	6.0	9.0
68	6.3	5.5	8.3



#22
Acetophenone
Concen: 40.728 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:	105	Resp:	792527
Ion	Ratio	Lower	Upper
105	100		
71	3.7	1.7	2.5
51	22.1	16.9	25.3
120	23.6	18.6	28.0

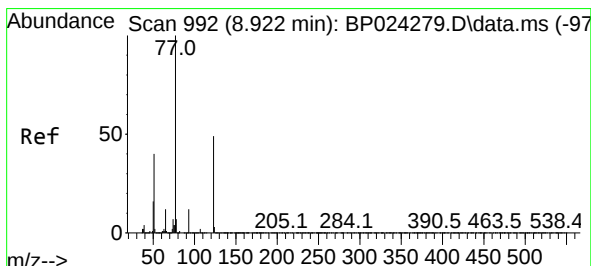
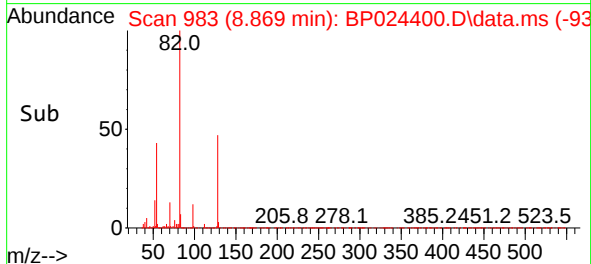
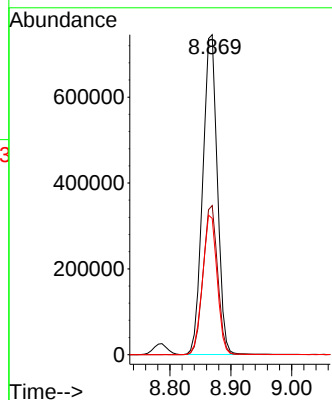
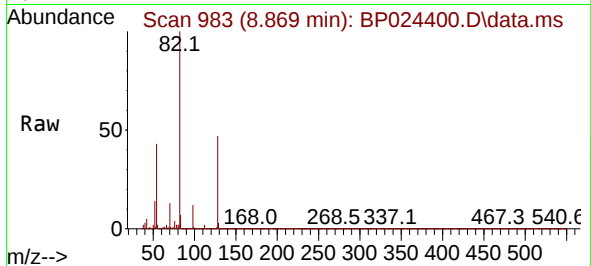




#23
Nitrobenzene-d5
Concen: 90.368 ng
RT: 8.869 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

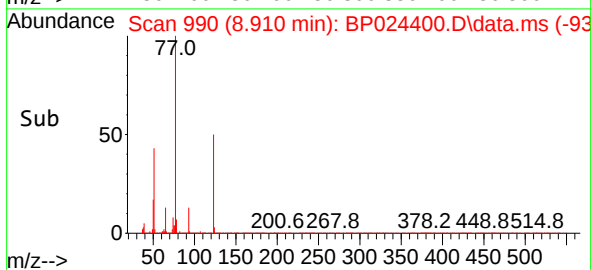
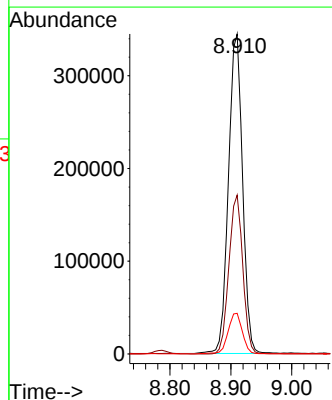
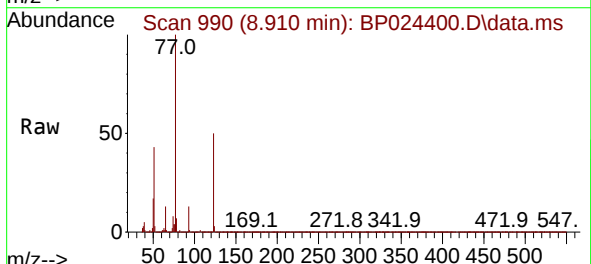
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

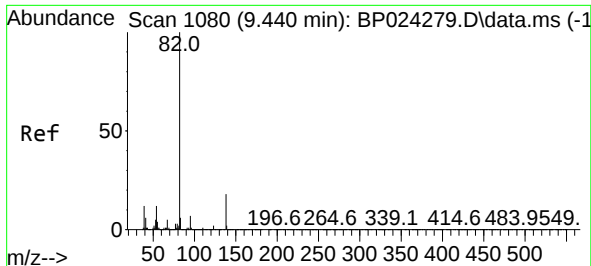
Tgt Ion: 82 Resp: 1245982
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 42.6 33.4 50.2



#24
Nitrobenzene
Concen: 40.628 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 77 Resp: 554161
Ion Ratio Lower Upper
77 100
123 49.6 39.2 58.8
65 12.7 9.8 14.6

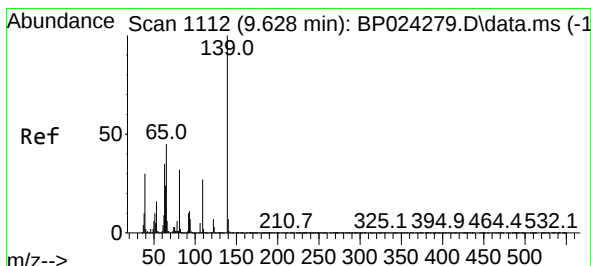
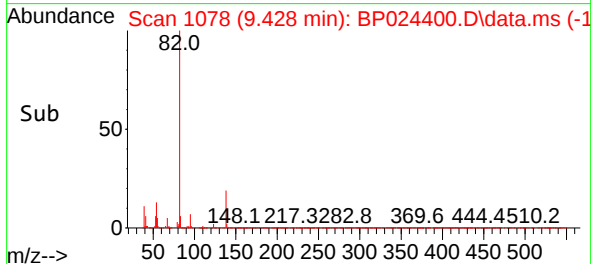
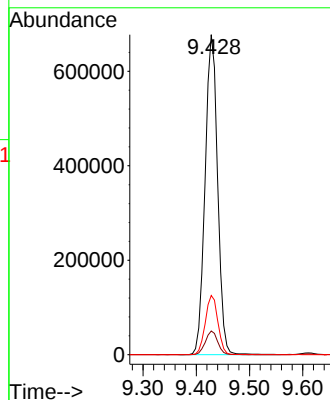
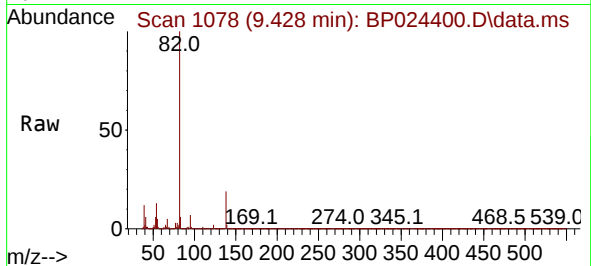




#25
Isophorone
Concen: 44.169 ng
RT: 9.428 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

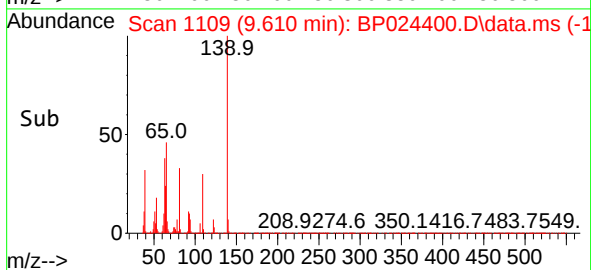
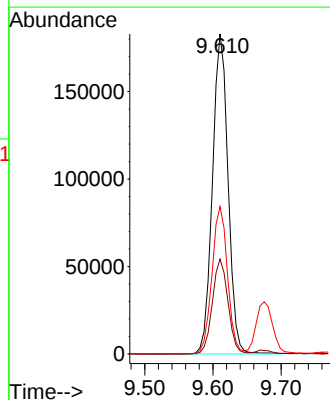
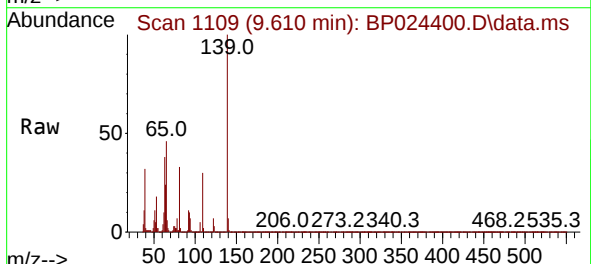
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

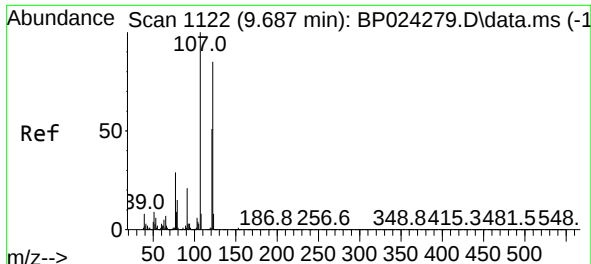
Tgt Ion: 82 Resp: 1102338
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.2
138 18.5 14.4 21.6



#26
2-Nitrophenol
Concen: 43.639 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 139 Resp: 291287
Ion Ratio Lower Upper
139 100
109 29.7 21.8 32.6
65 46.1 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 62.888 ng

RT: 9.675 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

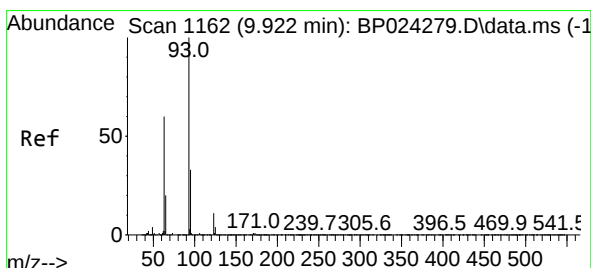
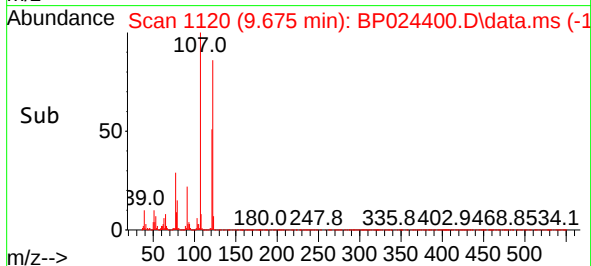
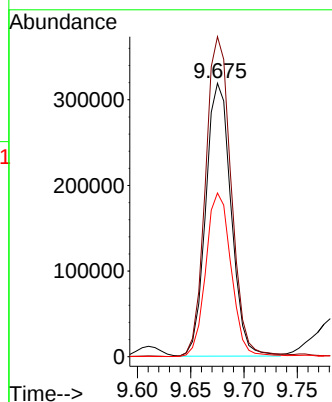
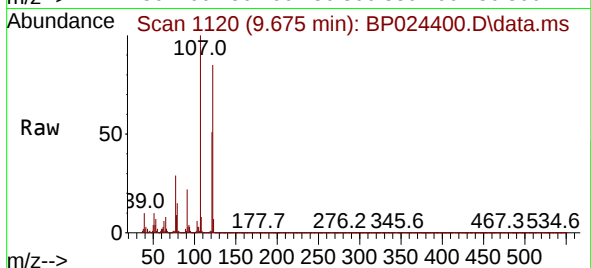
Tgt Ion:122 Resp: 527081

Ion Ratio Lower Upper

122 100

107 117.0 93.7 140.5

121 59.9 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 40.753 ng

RT: 9.904 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

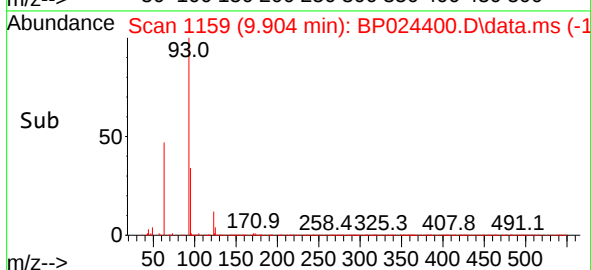
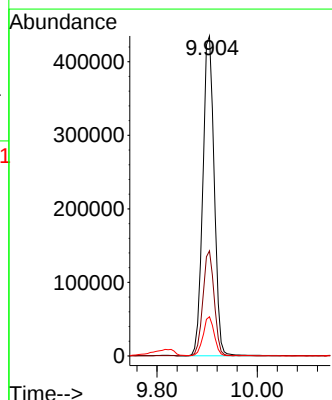
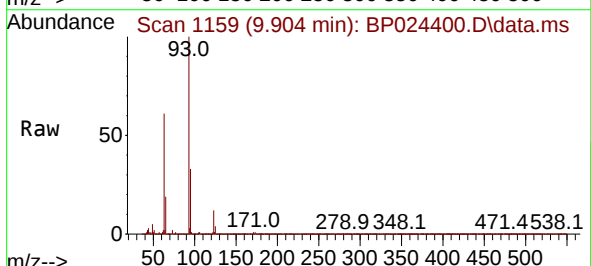
Tgt Ion: 93 Resp: 687080

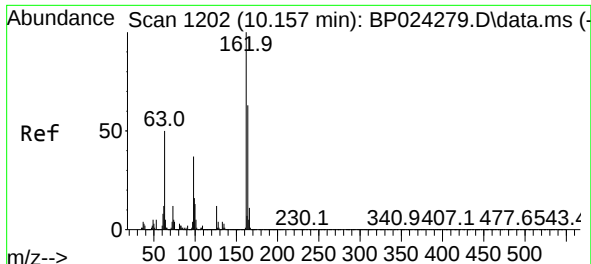
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.042 ng

RT: 10.152 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

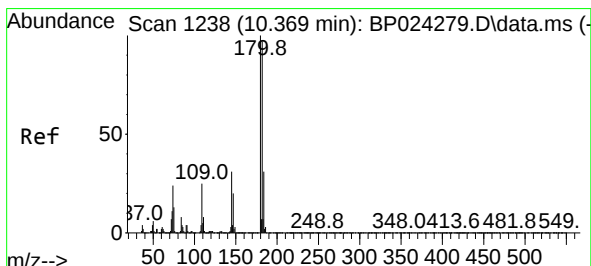
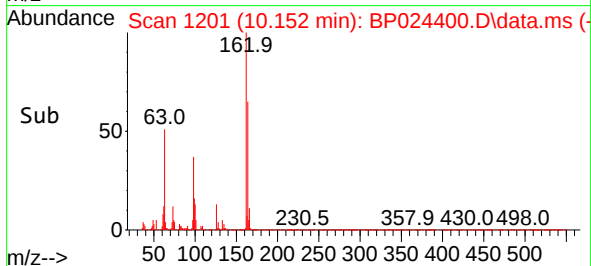
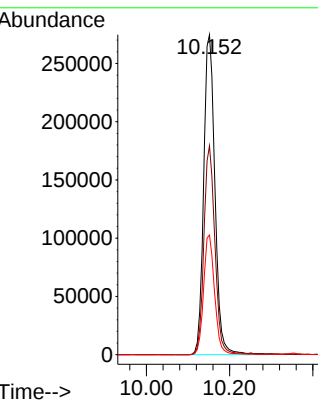
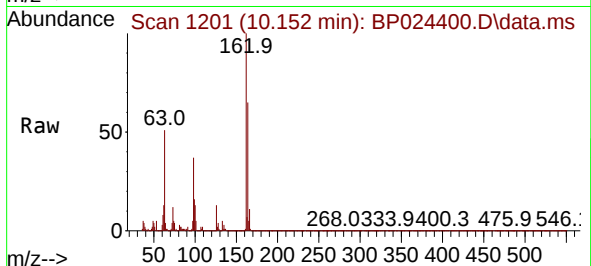
Tgt Ion:162 Resp: 514725

Ion Ratio Lower Upper

162 100

164 65.2 43.3 83.3

98 37.4 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 39.818 ng

RT: 10.352 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

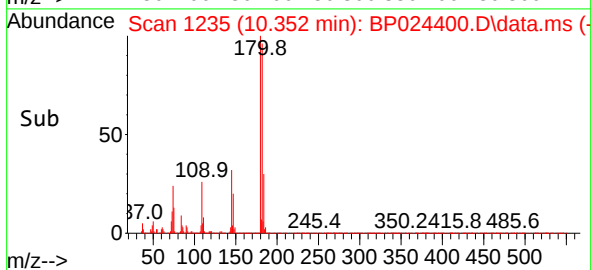
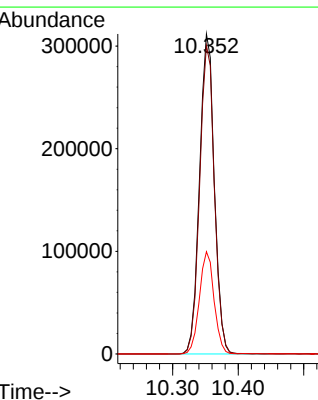
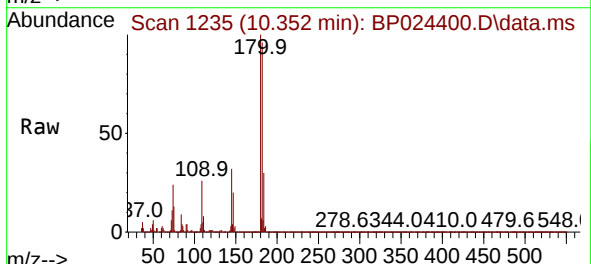
Tgt Ion:180 Resp: 487527

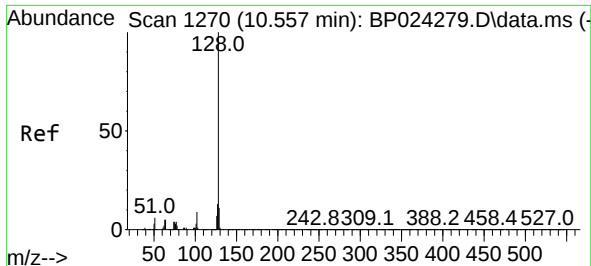
Ion Ratio Lower Upper

180 100

182 96.5 77.3 115.9

145 32.0 25.1 37.7

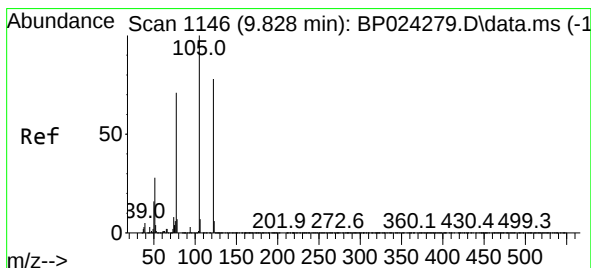
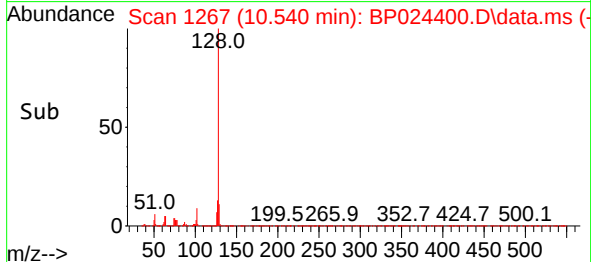
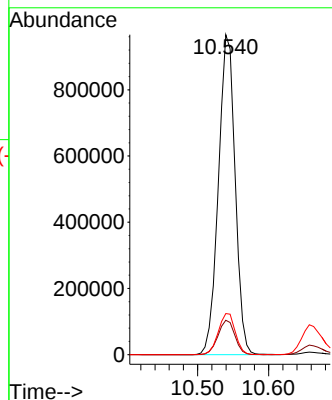
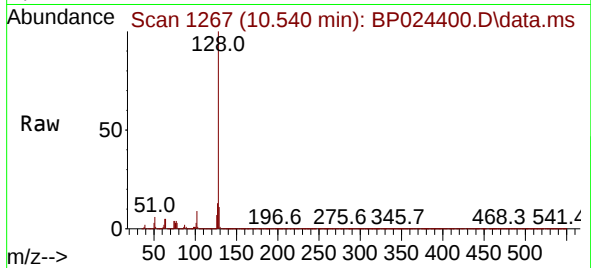




#31
Naphthalene
Concen: 38.026 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

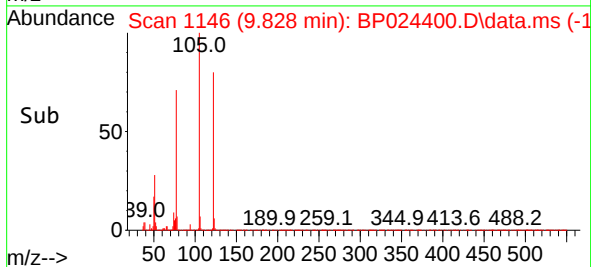
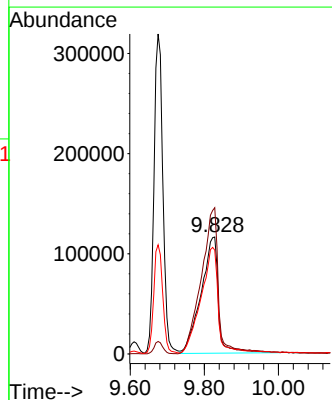
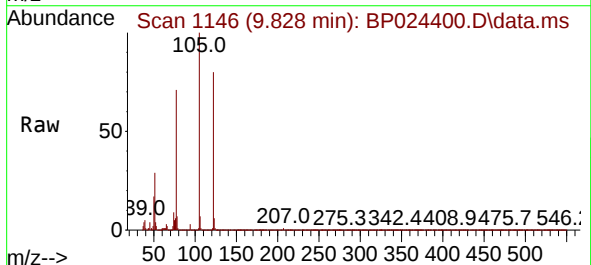
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

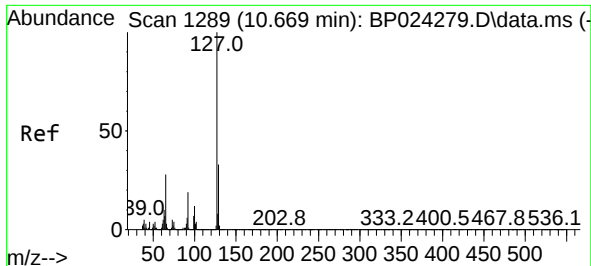
Tgt Ion:128 Resp: 1574819
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 38.801 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:122 Resp: 378925
Ion Ratio Lower Upper
122 100
105 124.9 104.8 144.8
77 88.7 69.2 109.2

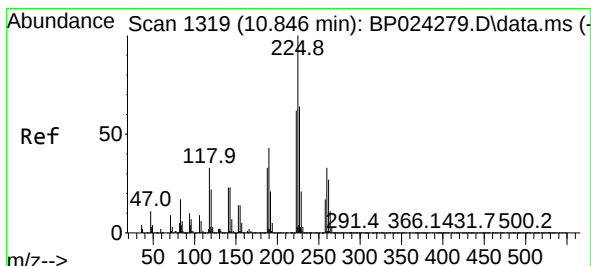
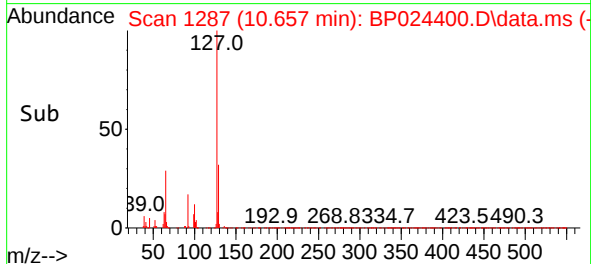
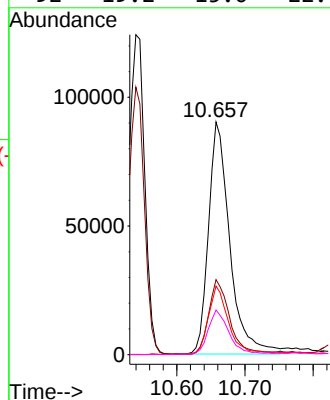
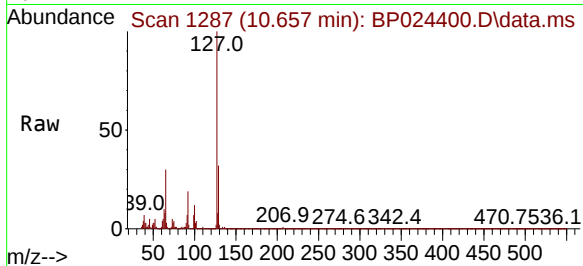




#33
4-Chloroaniline
Concen: 13.465 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

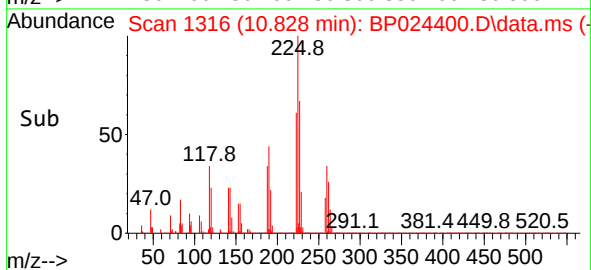
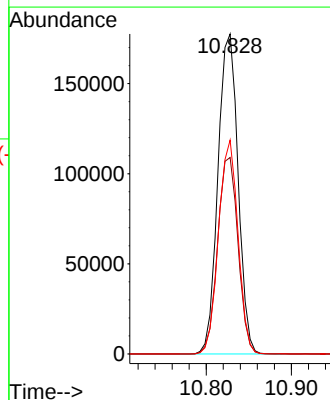
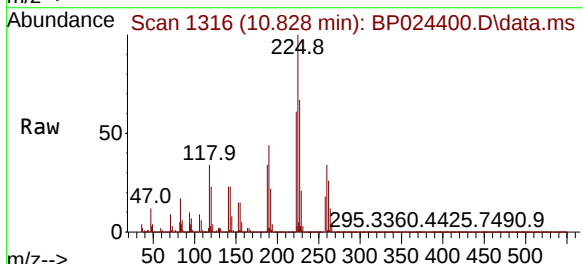
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

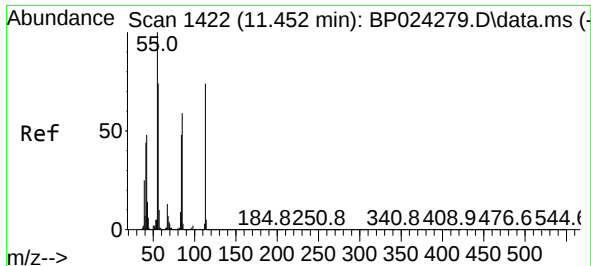
Tgt Ion:127	Resp: 196379
Ion Ratio	Lower Upper
127 100	
129 32.2	26.1 39.1
65 29.5	22.1 33.1
92 19.2	15.0 22.4



#34
Hexachlorobutadiene
Concen: 40.364 ng
RT: 10.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

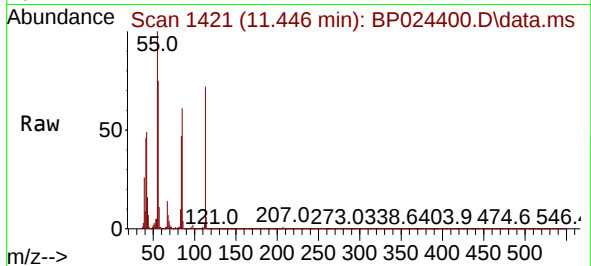
Tgt Ion:225	Resp: 290418
Ion Ratio	Lower Upper
225 100	
223 61.4	49.5 74.3
227 66.8	50.9 76.3



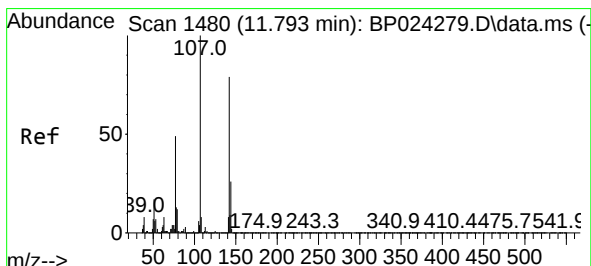
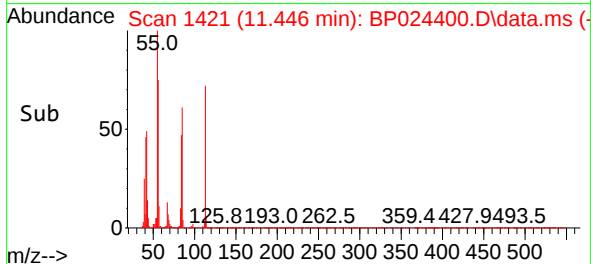
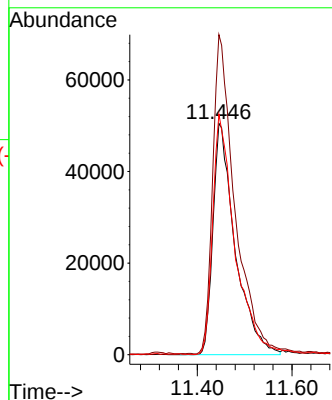


#35
Caprolactam
Concen: 38.929 ng
RT: 11.446 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

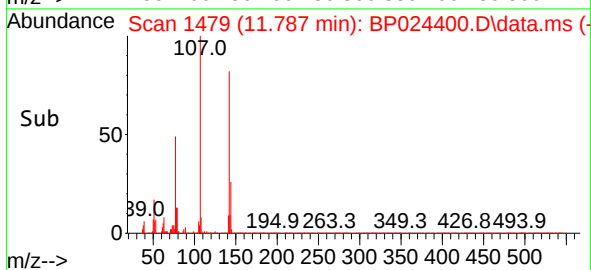
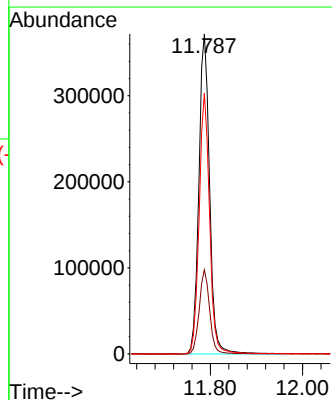
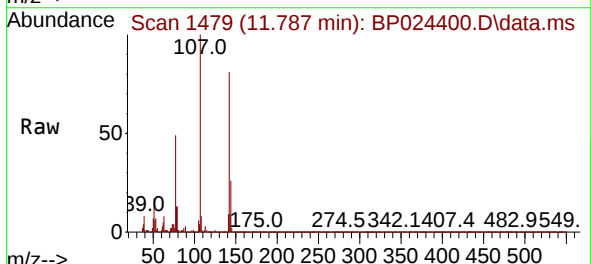


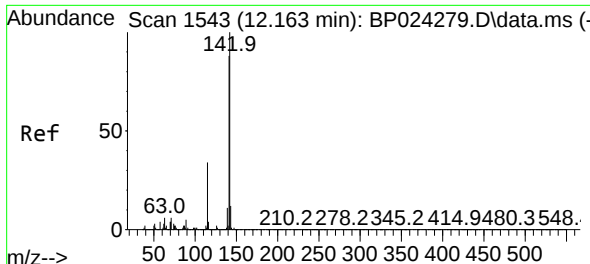
Tgt Ion:113 Resp: 164151
Ion Ratio Lower Upper
113 100
55 138.4 115.9 155.9
56 104.0 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 45.106 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:107 Resp: 600395
Ion Ratio Lower Upper
107 100
144 26.3 20.5 30.7
142 81.5 63.4 95.2

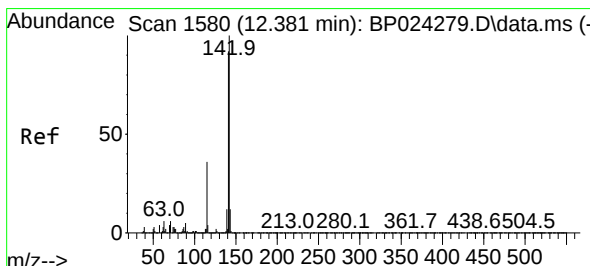
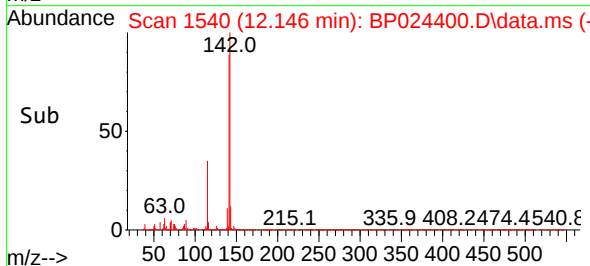
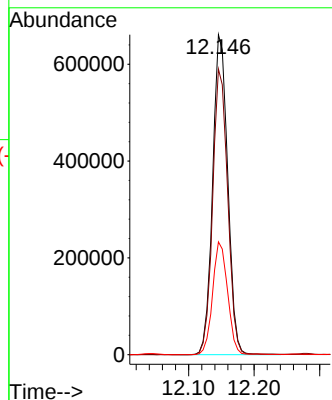
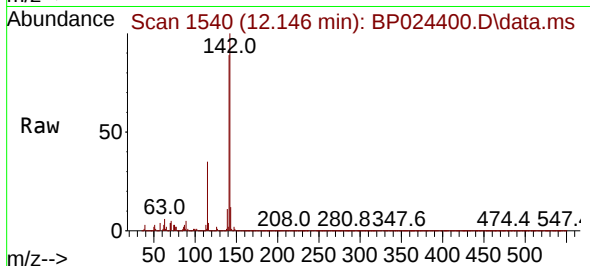




#37
2-Methylnaphthalene
Concen: 36.724 ng
RT: 12.146 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

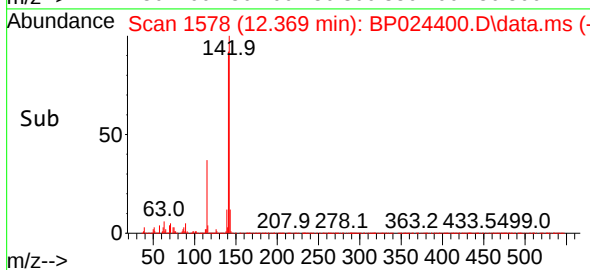
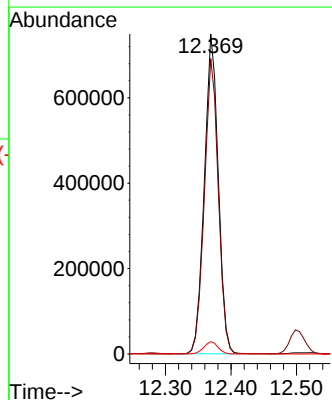
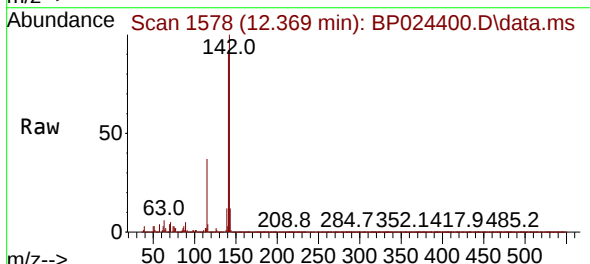
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

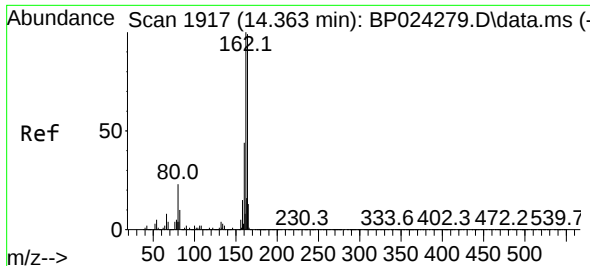
Tgt Ion:142 Resp: 1054765
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 35.3 26.9 40.3



#38
1-Methylnaphthalene
Concen: 39.485 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:142 Resp: 1109423
Ion Ratio Lower Upper
142 100
141 92.3 73.6 110.4
116 3.8 3.0 4.6

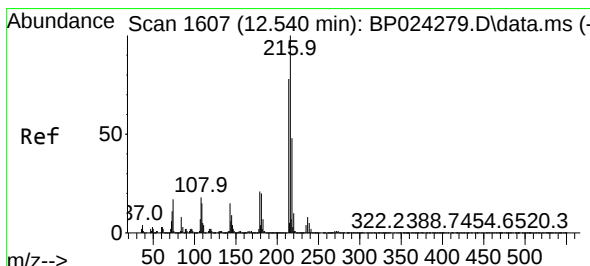
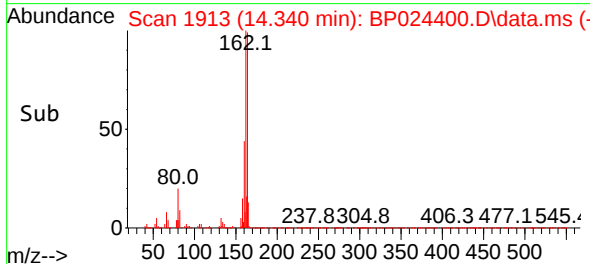
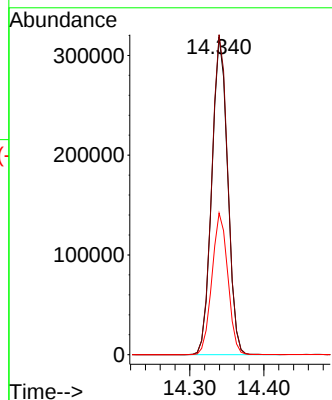
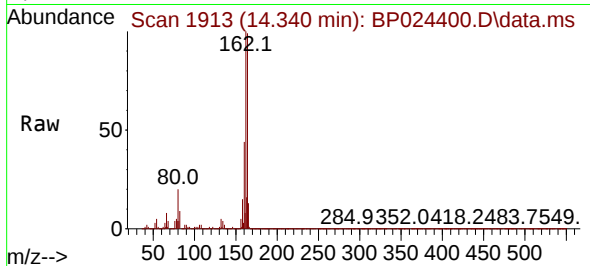




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

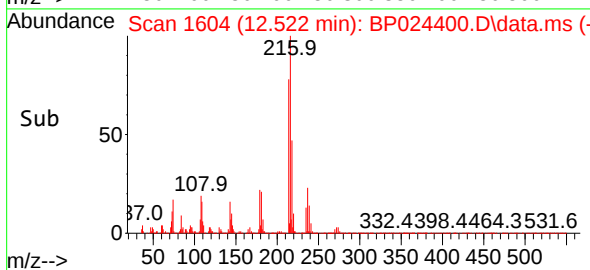
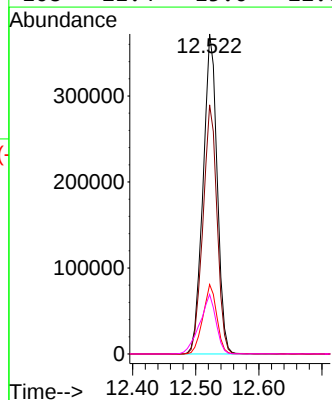
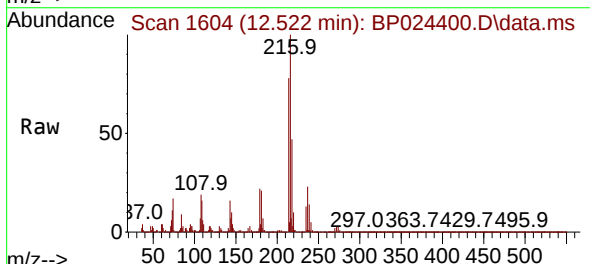
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

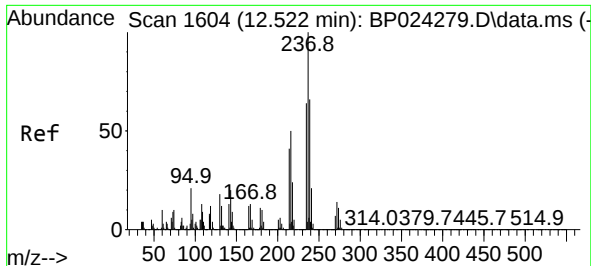
Tgt Ion:164 Resp: 472089
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 44.6 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.495 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:216 Resp: 577657
Ion Ratio Lower Upper
216 100
214 77.8 62.6 93.8
179 21.3 17.2 25.8
108 21.4 15.0 22.6

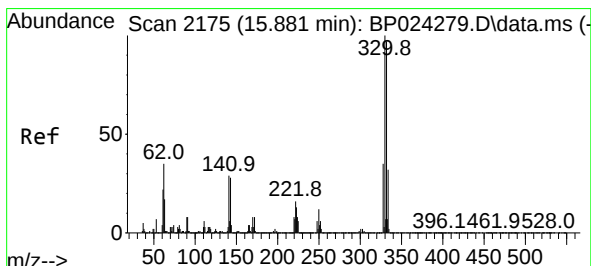
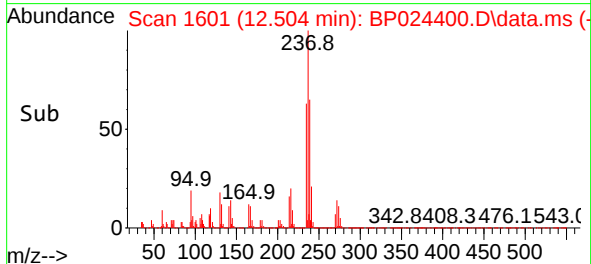
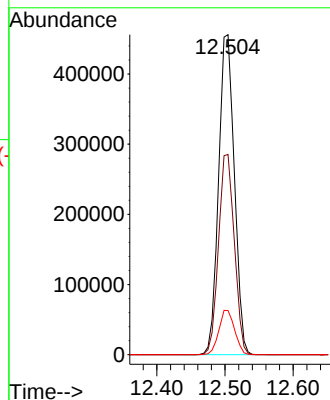
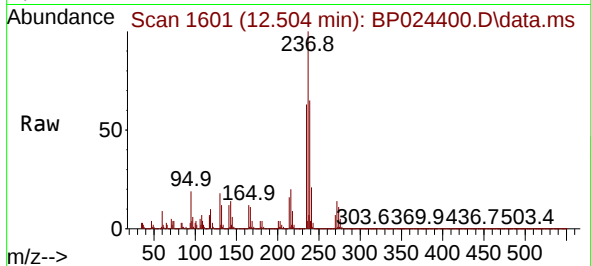




#41
Hexachlorocyclopentadiene
Concen: 160.126 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

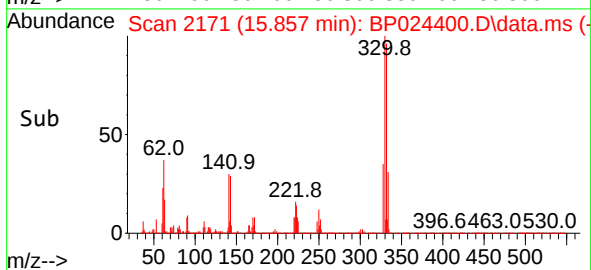
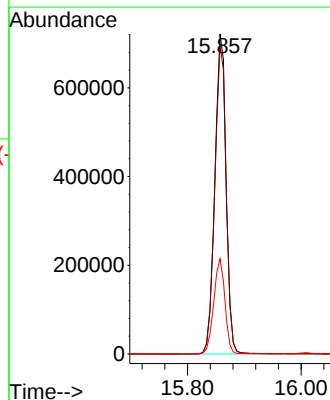
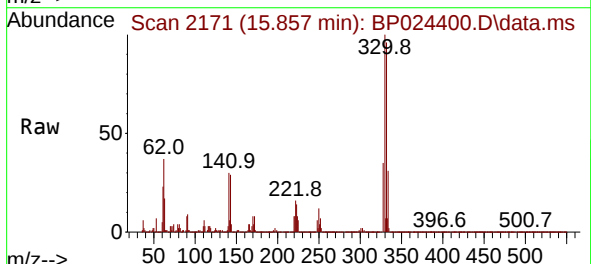
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BNA_P
ClientSampleId :
PL-714-COMP-08MSD

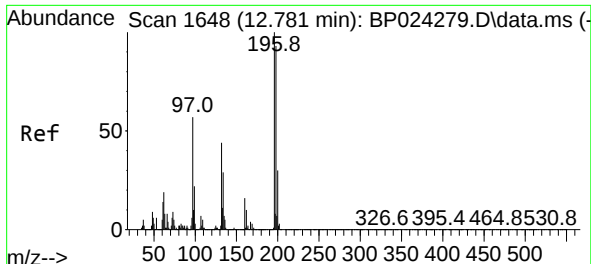
Tgt Ion:237 Resp: 735231
Ion Ratio Lower Upper
237 100
235 62.6 43.9 83.9
272 13.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 151.781 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:330 Resp: 991370
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 29.6 24.7 37.1

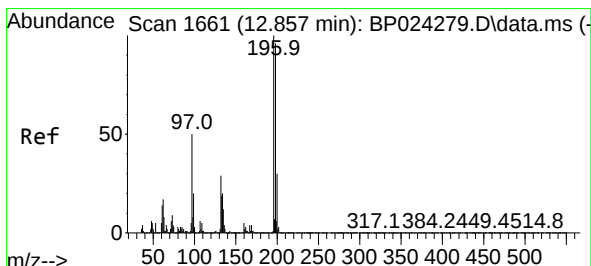
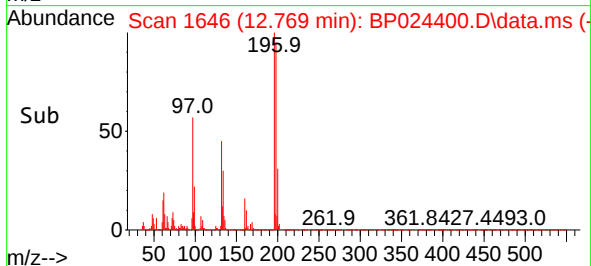
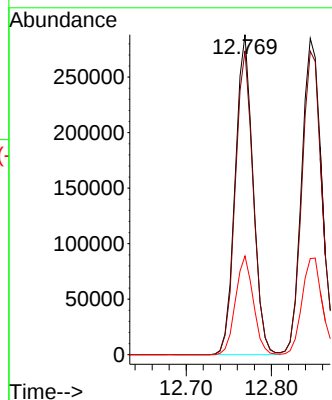
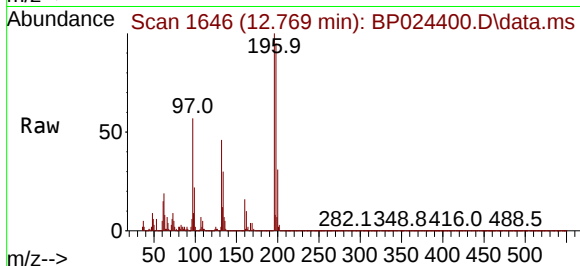




#43
2,4,6-Trichlorophenol
Concen: 48.520 ng
RT: 12.769 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

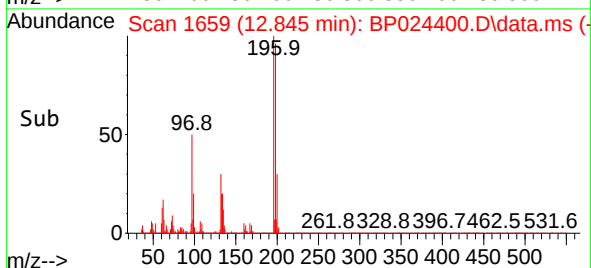
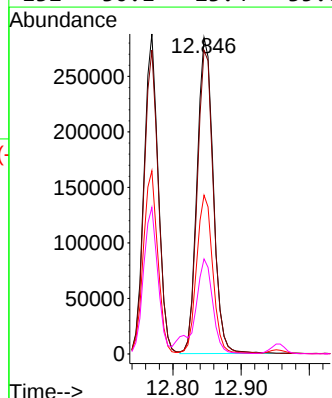
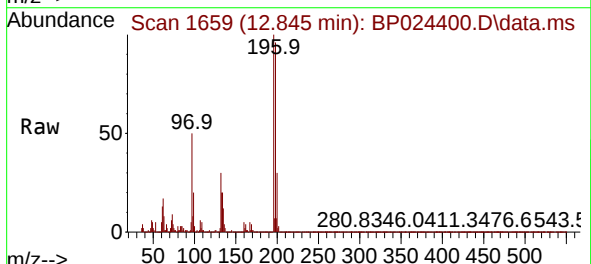
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

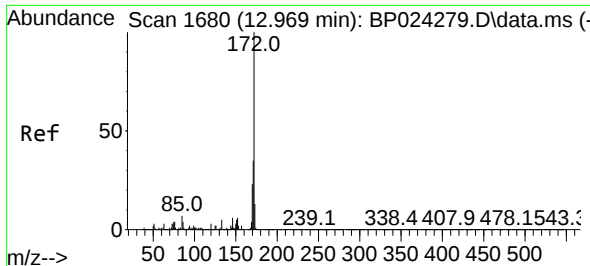
Tgt Ion:196 Resp: 418800
Ion Ratio Lower Upper
196 100
198 95.0 74.3 111.5
200 30.8 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 48.962 ng
RT: 12.845 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:196 Resp: 467987
Ion Ratio Lower Upper
196 100
198 96.0 77.3 115.9
97 50.2 40.4 60.6
132 30.1 23.4 35.0

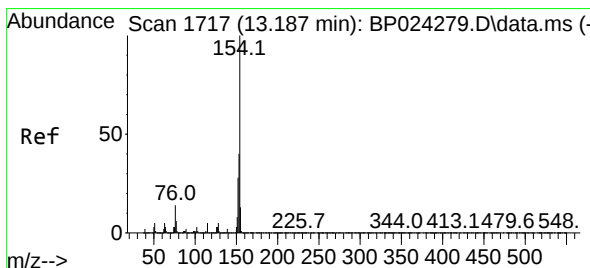
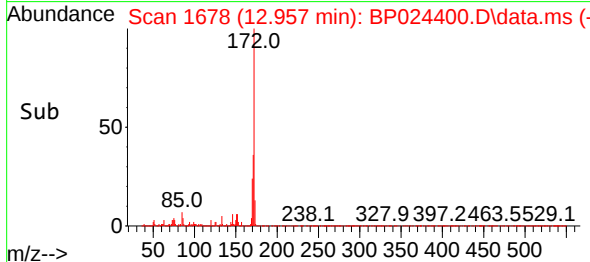
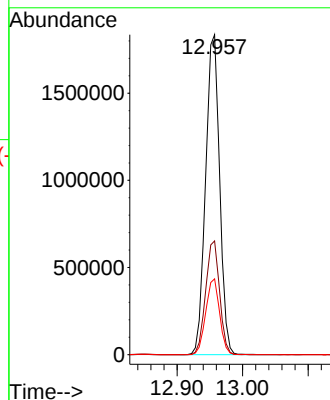
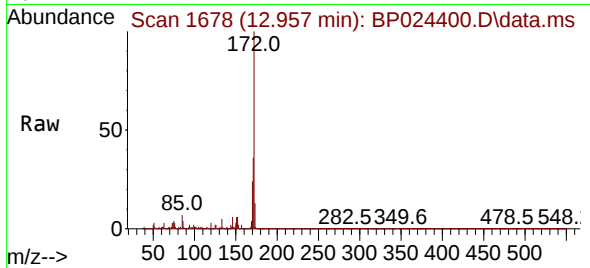




#45
2-Fluorobiphenyl
Concen: 88.707 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

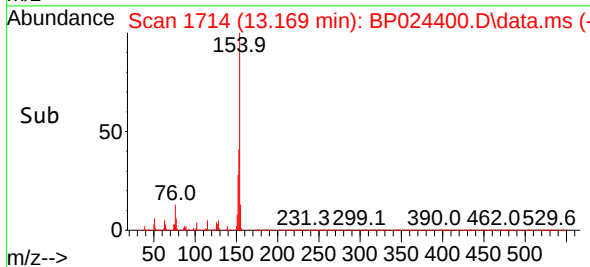
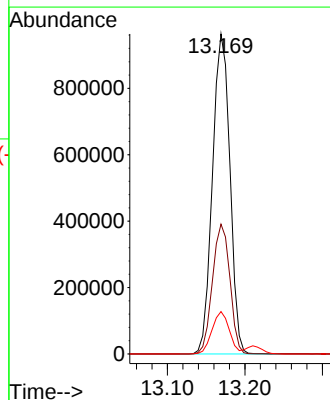
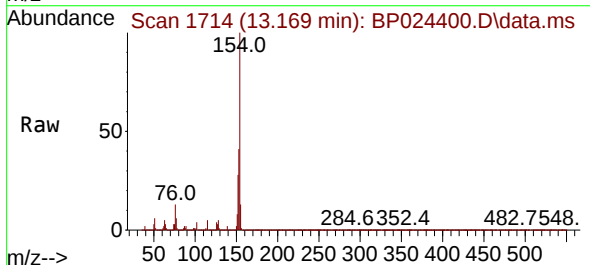
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

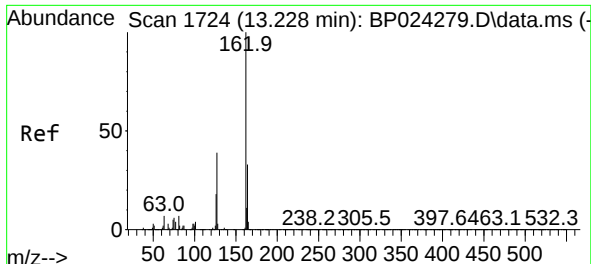
Tgt Ion:172 Resp: 2735099
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 43.380 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:154 Resp: 1505321
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.2 0.0 33.5

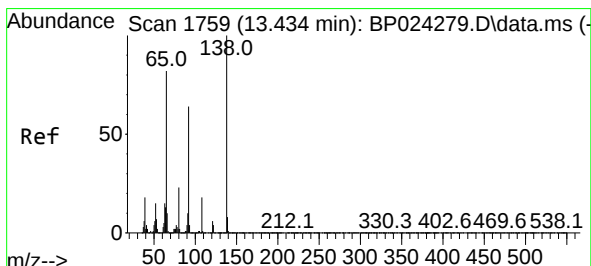
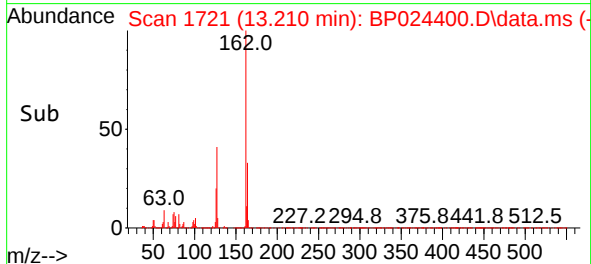
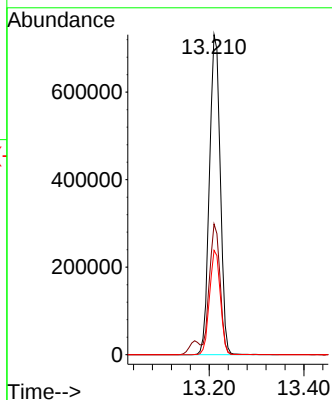
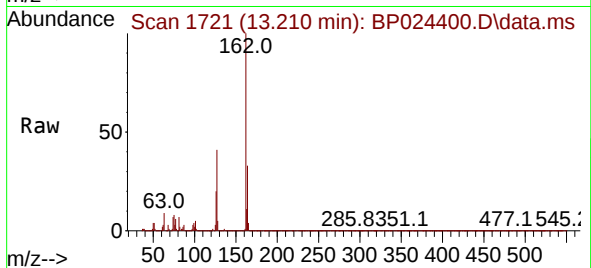




#47
2-Chloronaphthalene
Concen: 44.765 ng
RT: 13.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

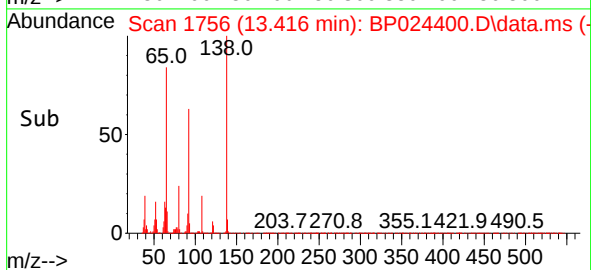
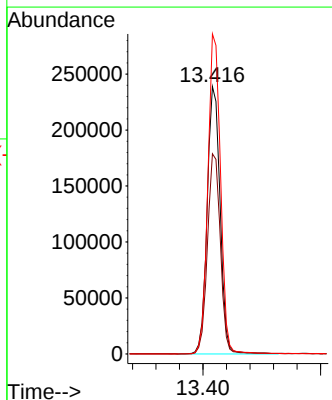
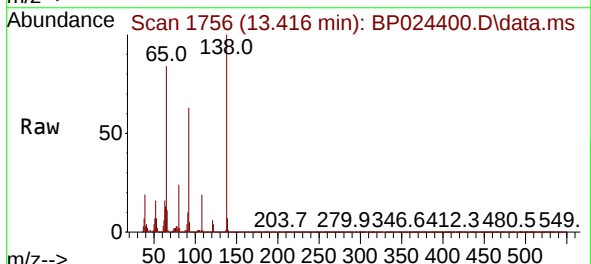
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

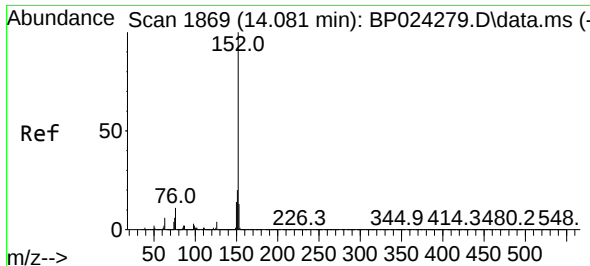
Tgt Ion:162 Resp: 1160971
Ion Ratio Lower Upper
162 100
127 40.8 31.9 47.9
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 50.081 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion: 65 Resp: 364335
Ion Ratio Lower Upper
65 100
92 74.8 62.3 93.5
138 119.7 97.2 145.8

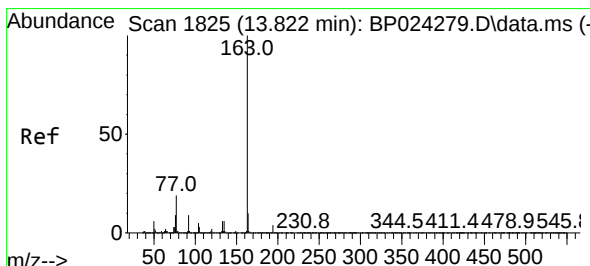
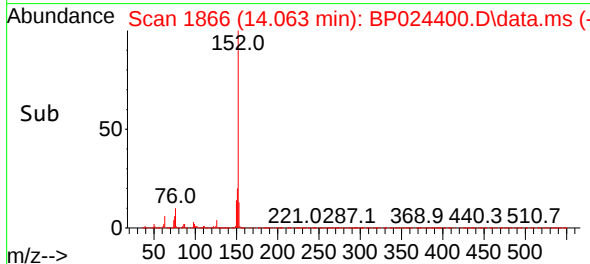
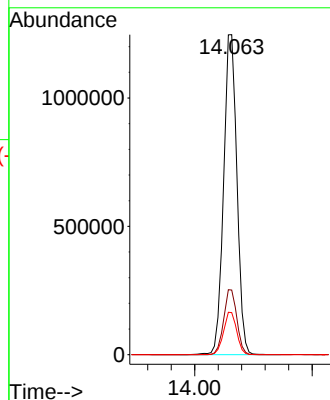
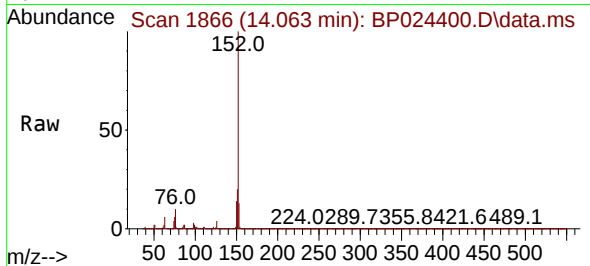




#49
Acenaphthylene
Concen: 47.991 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

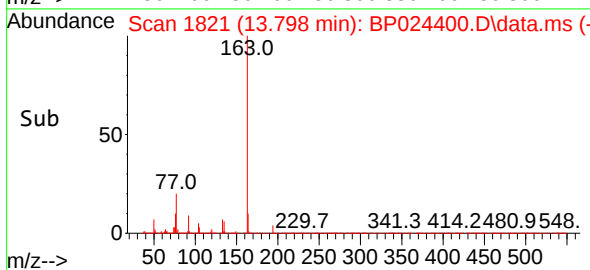
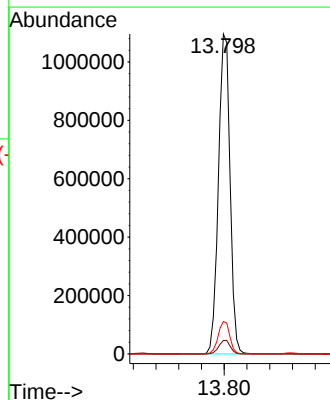
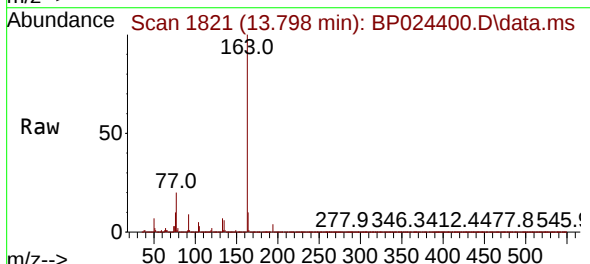
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

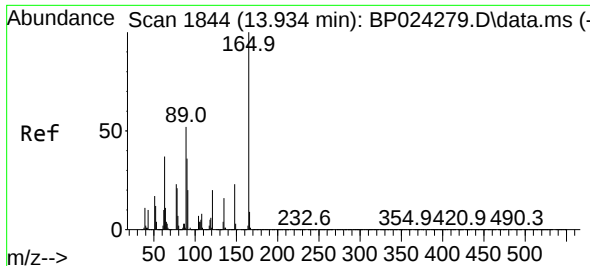
Tgt Ion:152 Resp: 1959596
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 45.090 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:163 Resp: 1547999
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 8.0 12.0

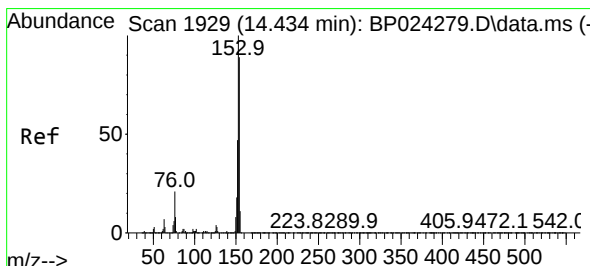
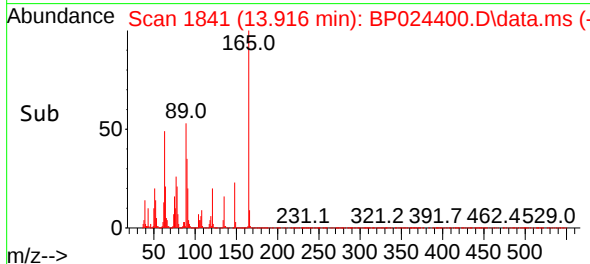
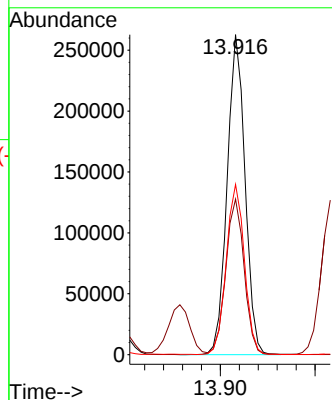
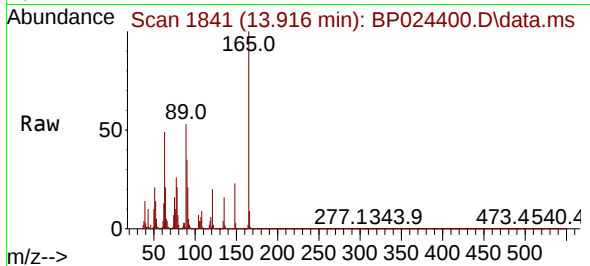




#51
2,6-Dinitrotoluene
Concen: 47.176 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

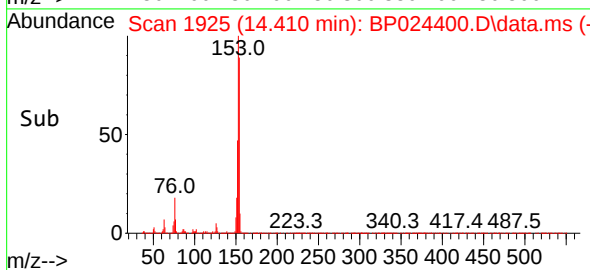
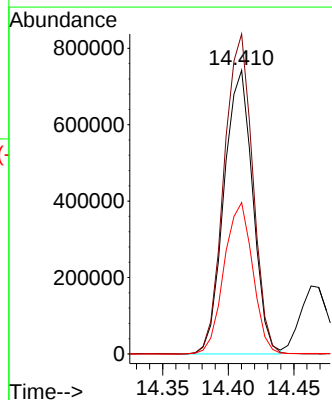
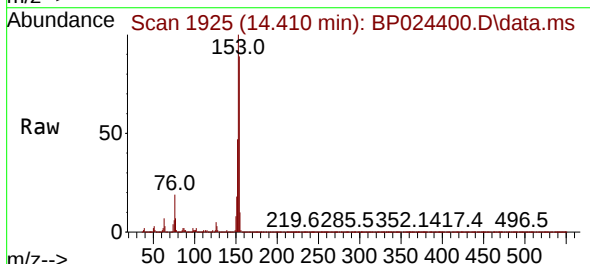
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

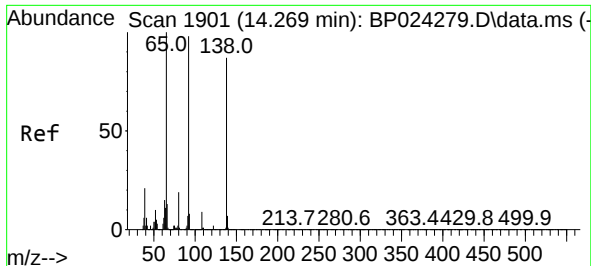
Tgt Ion:165 Resp: 343921
Ion Ratio Lower Upper
165 100
63 48.6 38.0 57.0
89 53.2 41.7 62.5



#52
Acenaphthene
Concen: 43.603 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:154 Resp: 1128749
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 53.4 42.6 63.8

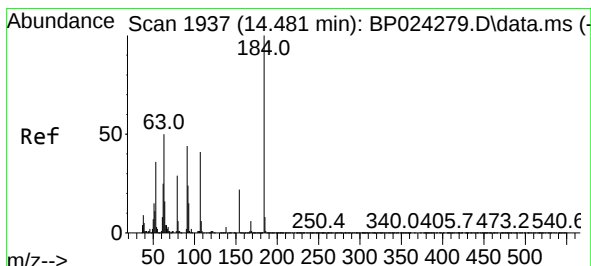
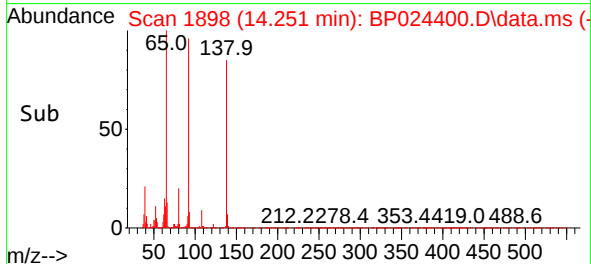
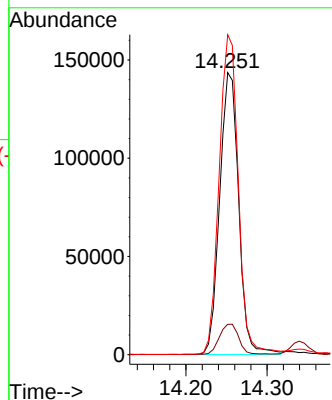
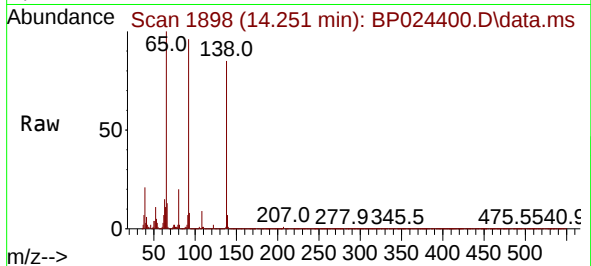




#53
3-Nitroaniline
Concen: 30.486 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

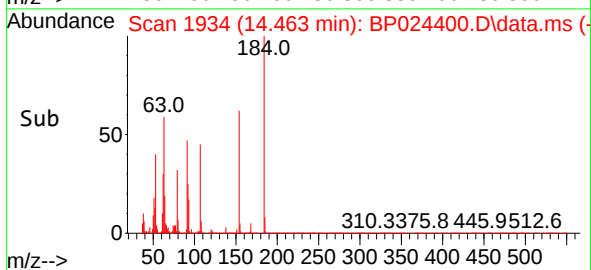
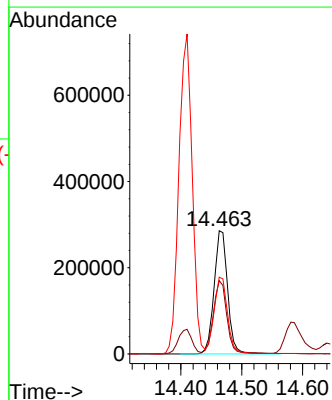
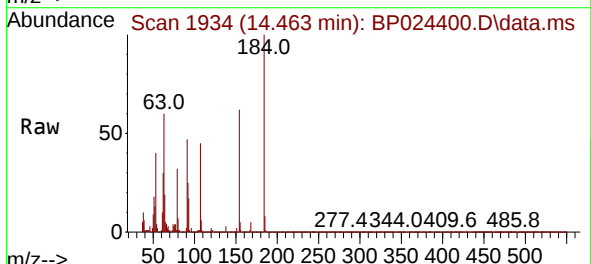
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

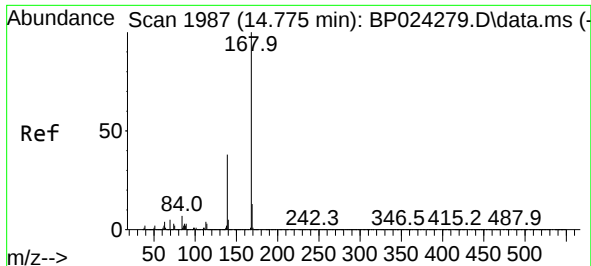
Tgt Ion:138 Resp: 233585
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 113.5 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 103.293 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:184 Resp: 443566
Ion Ratio Lower Upper
184 100
63 59.6 42.6 64.0
154 62.3 47.2 70.8

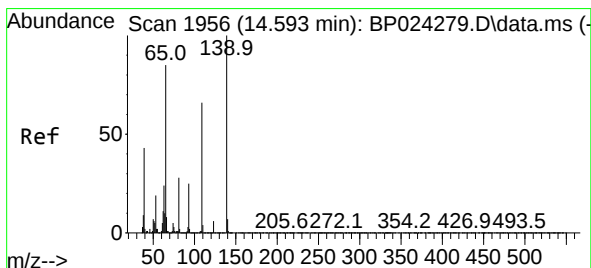
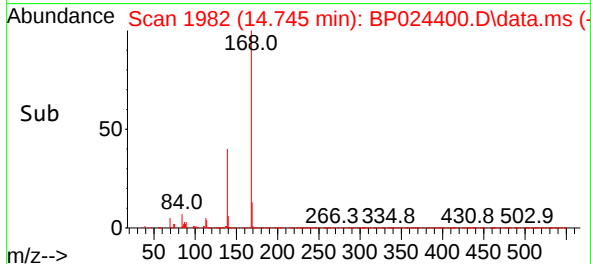
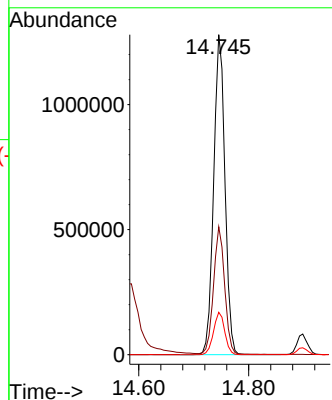
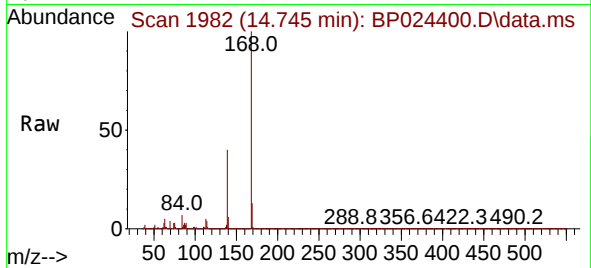




#55
Dibenzenofuran
Concen: 43.069 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

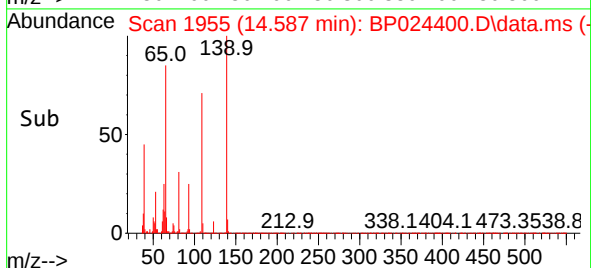
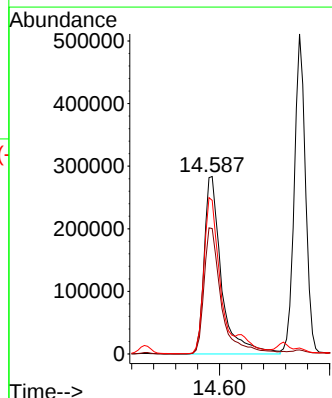
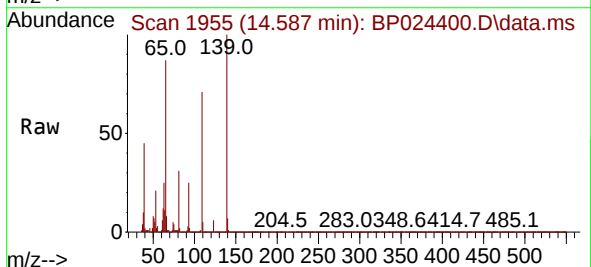
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

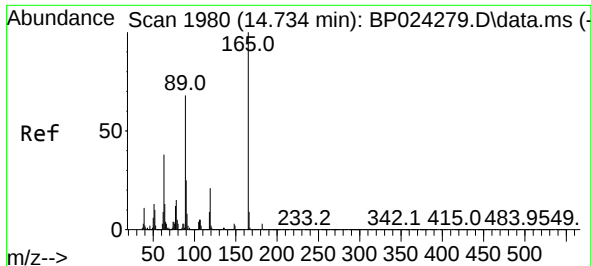
Tgt Ion:168 Resp: 1822403
Ion Ratio Lower Upper
168 100
139 40.0 30.3 45.5
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 93.624 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:139 Resp: 619546
Ion Ratio Lower Upper
139 100
109 70.7 46.1 86.1
65 86.5 65.0 105.0

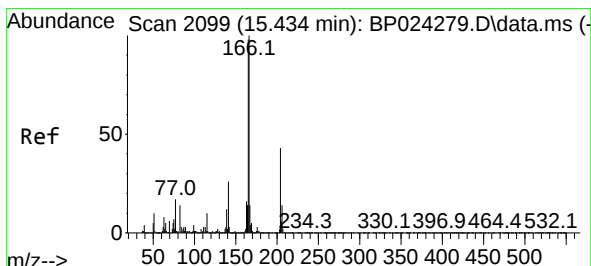
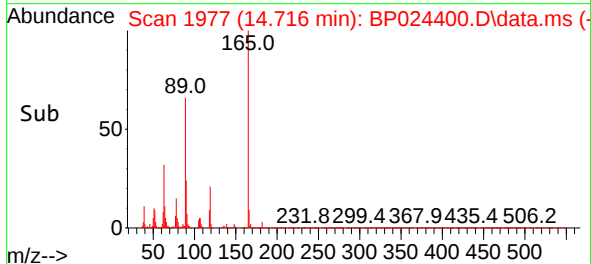
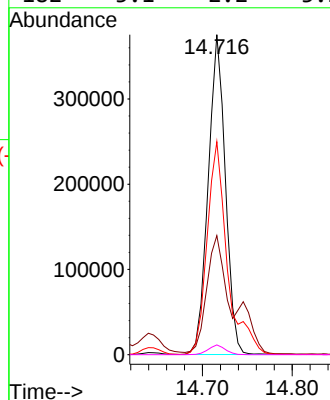
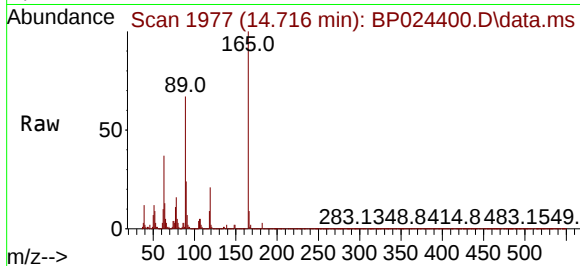




#57
2,4-Dinitrotoluene
Concen: 50.238 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

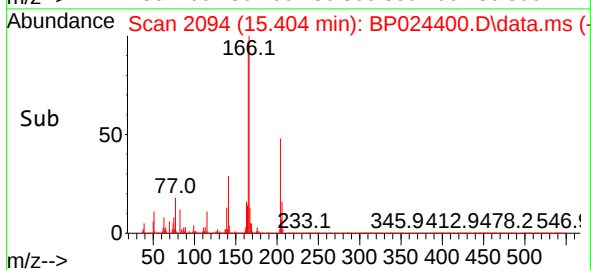
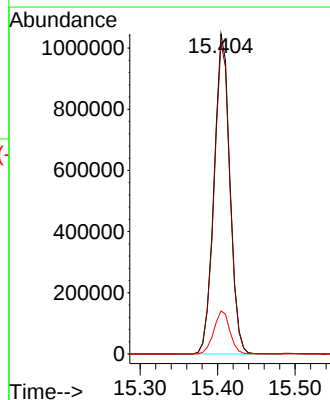
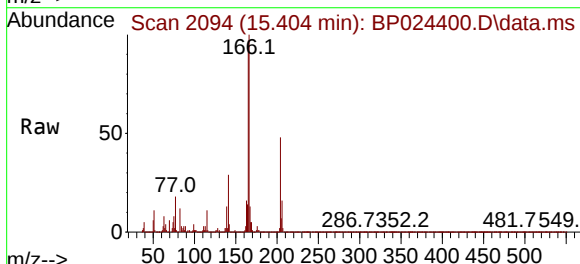
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

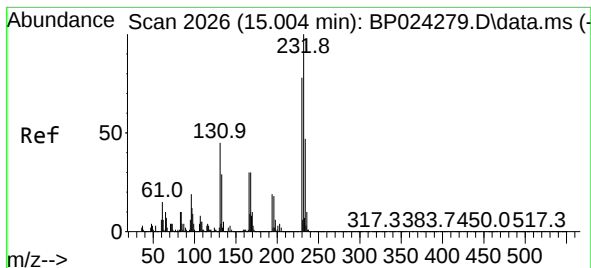
Tgt Ion:165 Resp: 499600
Ion Ratio Lower Upper
165 100
63 37.2 30.4 45.6
89 66.5 54.6 82.0
182 3.1 2.2 3.2



#58
Fluorene
Concen: 45.523 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:166 Resp: 1491175
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.856 ng

RT: 14.981 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

Tgt Ion:232 Resp: 421879

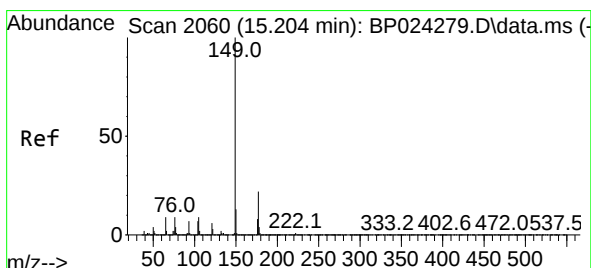
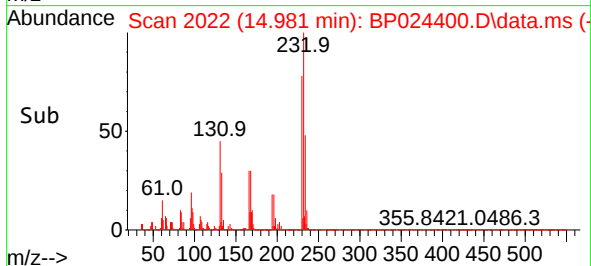
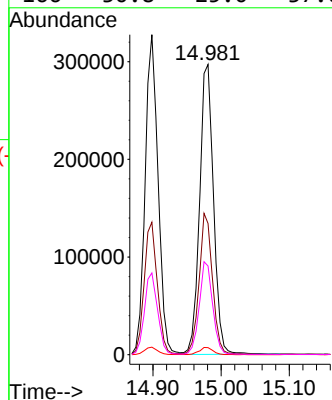
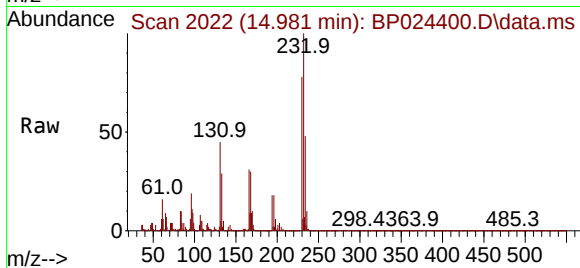
Ion Ratio Lower Upper

232 100

131 46.8 36.8 55.2

130 2.5 1.9 2.9

166 30.8 25.0 37.6



#60

Diethylphthalate

Concen: 44.810 ng

RT: 15.181 min Scan# 2056

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

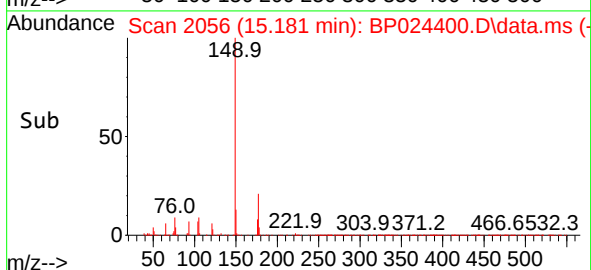
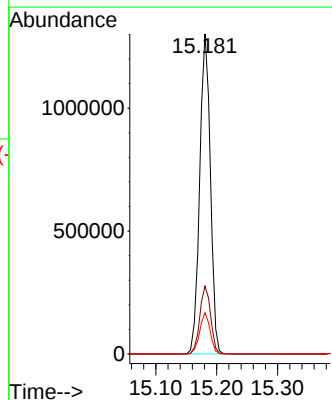
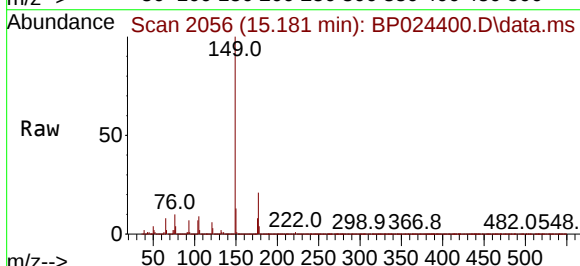
Tgt Ion:149 Resp: 1585319

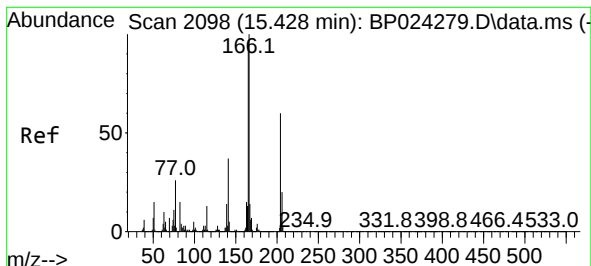
Ion Ratio Lower Upper

149 100

177 21.2 17.4 26.2

150 12.9 10.1 15.1

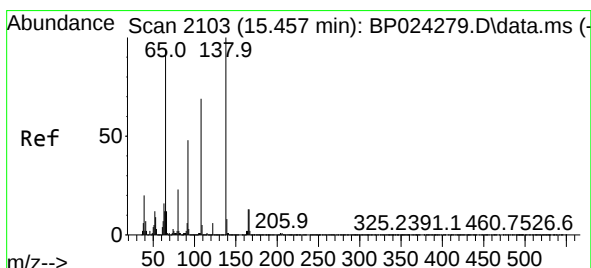
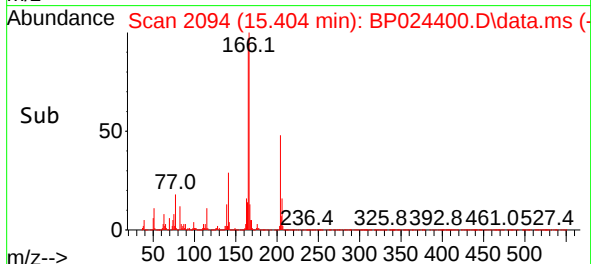
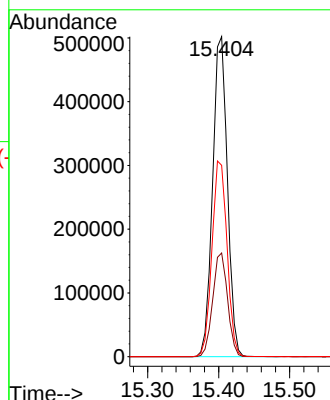
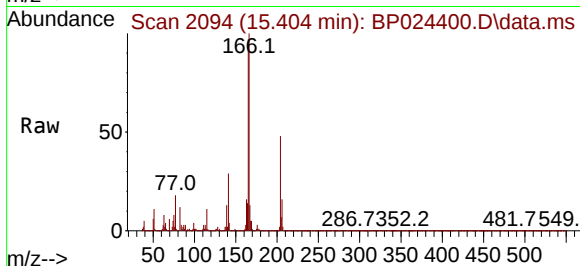




#61
4-Chlorophenyl-phenylether
Concen: 45.642 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

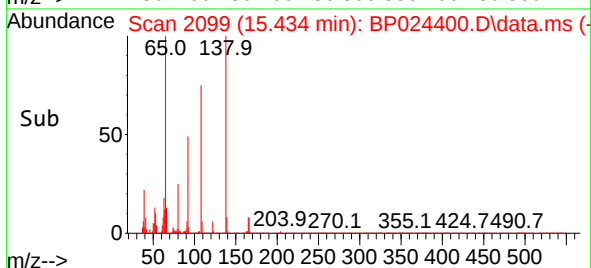
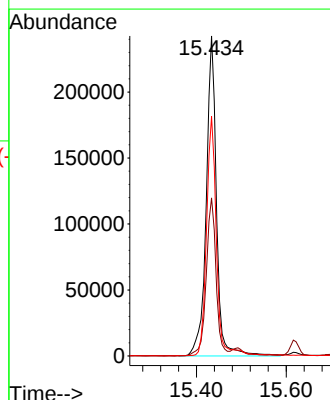
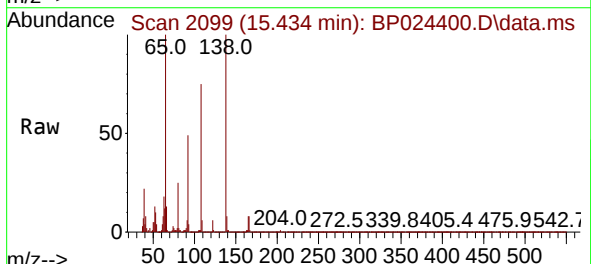
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

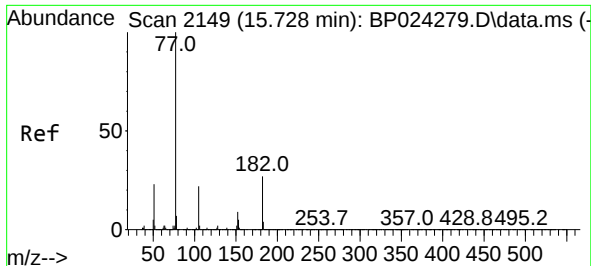
Tgt Ion:204 Resp: 726012
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 59.8 49.4 74.0



#62
4-Nitroaniline
Concen: 47.509 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:138 Resp: 385355
Ion Ratio Lower Upper
138 100
92 49.4 27.8 67.8
108 74.8 48.9 88.9



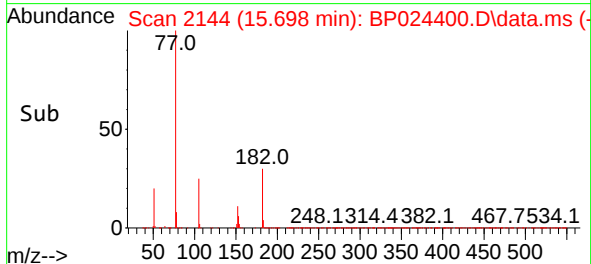
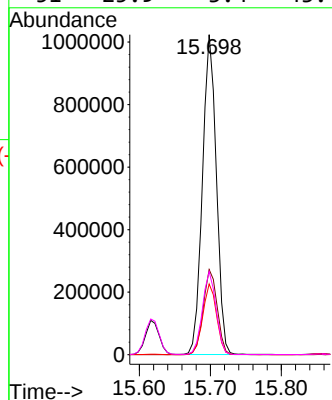
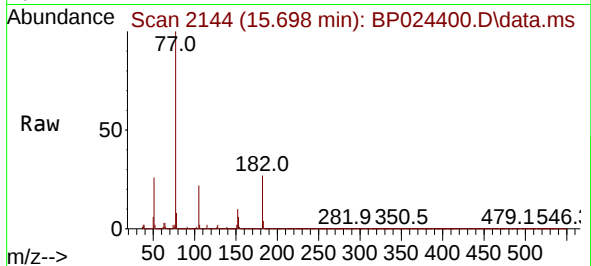


#63
 Azobenzene
 Concen: 42.964 ng
 RT: 15.698 min Scan# 2144
 Delta R.T. -0.012 min
 Lab File: BP024400.D
 Acq: 23 Apr 2025 17:35

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-08MSD

Tgt Ion: 77 Resp: 1397081

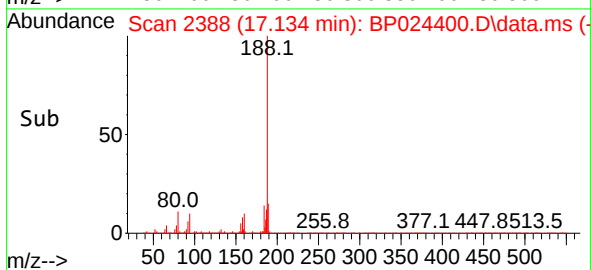
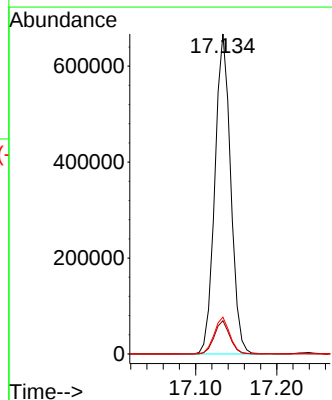
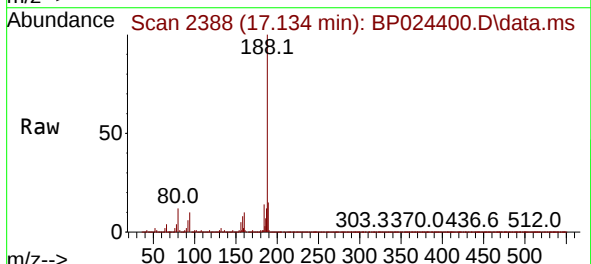
Ion	Ratio	Lower	Upper
77	100		
182	26.6	7.3	47.3
105	22.1	2.3	42.3
51	25.9	3.4	43.4

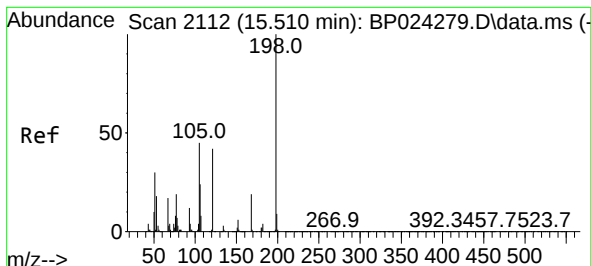


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.134 min Scan# 2388
 Delta R.T. -0.012 min
 Lab File: BP024400.D
 Acq: 23 Apr 2025 17:35

Tgt Ion: 188 Resp: 902353

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	13.0
80	11.5	9.8	14.6

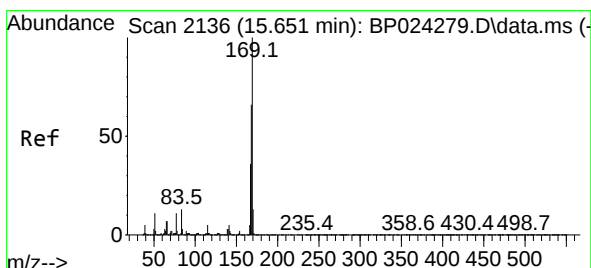
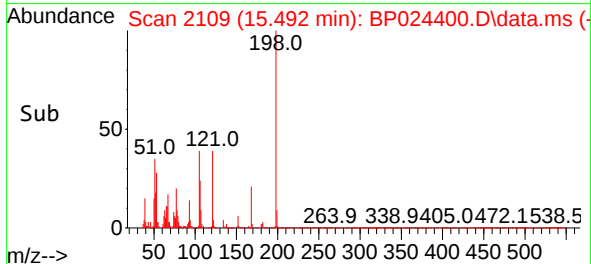
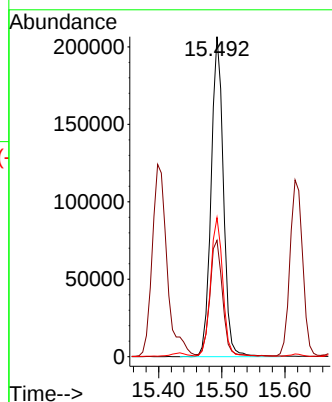
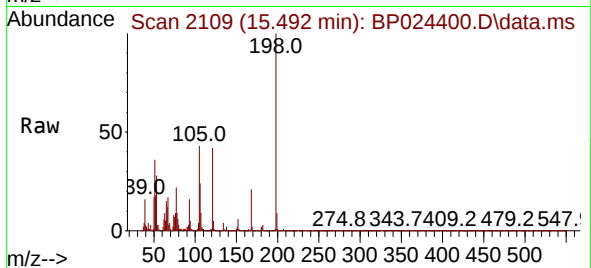




#65
4,6-Dinitro-2-methylphenol
Concen: 49.084 ng
RT: 15.492 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

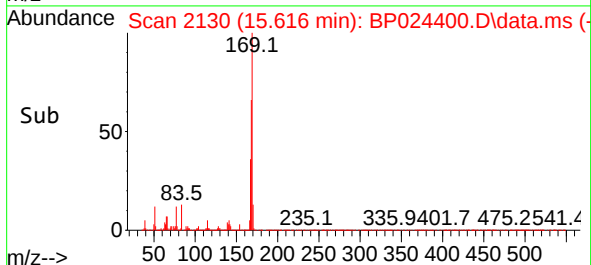
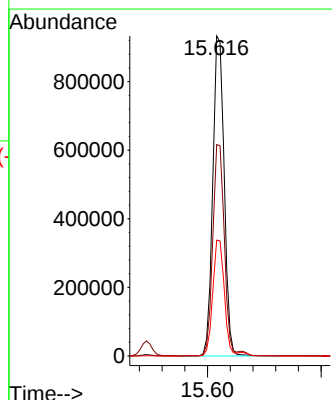
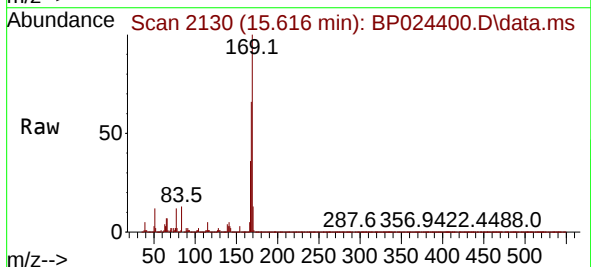
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

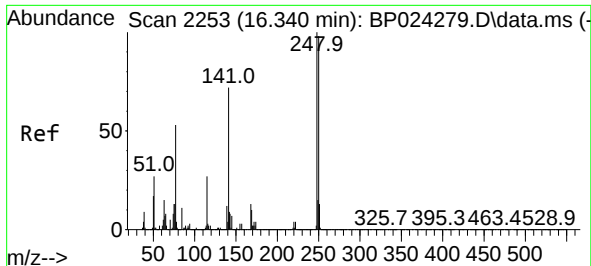
Tgt Ion:198 Resp: 279236
Ion Ratio Lower Upper
198 100
51 36.4 18.4 58.4
105 43.5 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 48.025 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:169 Resp: 1293473
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.4
167 36.2 28.9 43.3

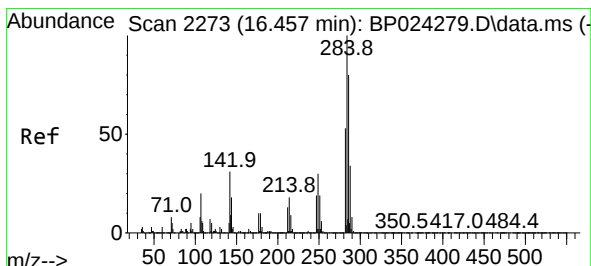
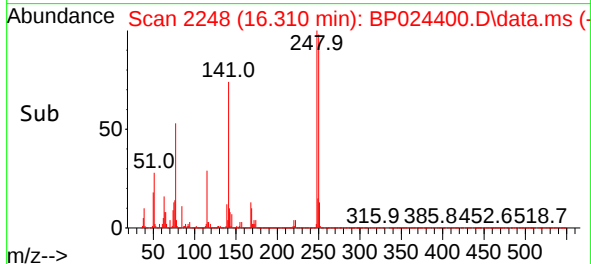
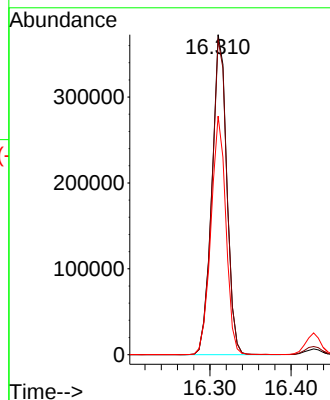
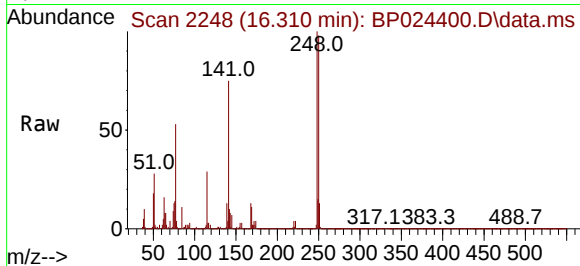




#67
4-Bromophenyl-phenylether
Concen: 48.110 ng
RT: 16.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

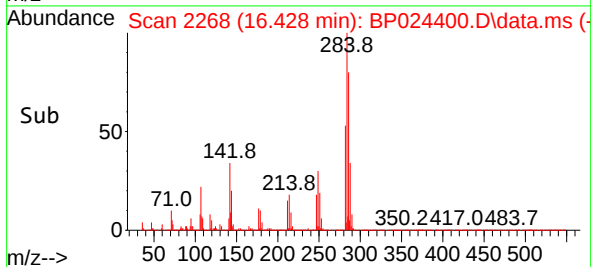
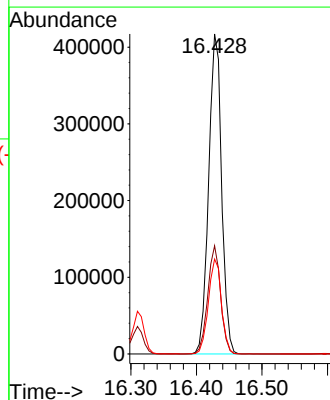
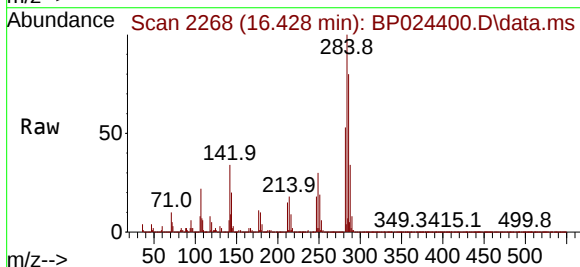
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

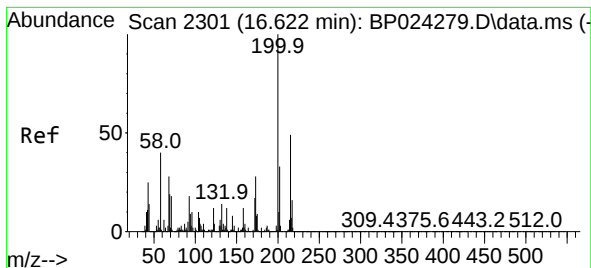
Tgt Ion:248 Resp: 474794
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.4
141 74.5 57.7 86.5



#68
Hexachlorobenzene
Concen: 48.921 ng
RT: 16.428 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:284 Resp: 573697
Ion Ratio Lower Upper
284 100
142 33.8 24.6 37.0
249 29.7 23.8 35.6





#69

Atrazine

Concen: 67.203 ng

RT: 16.598 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

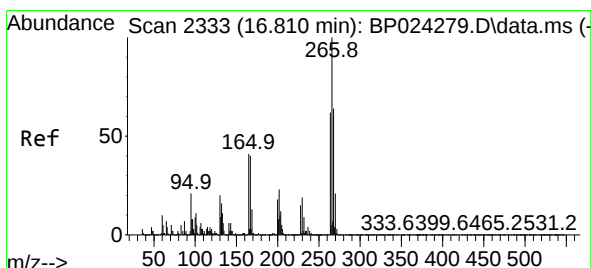
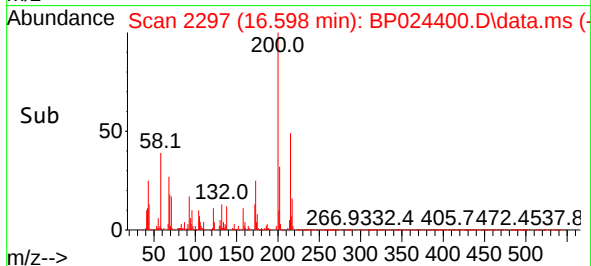
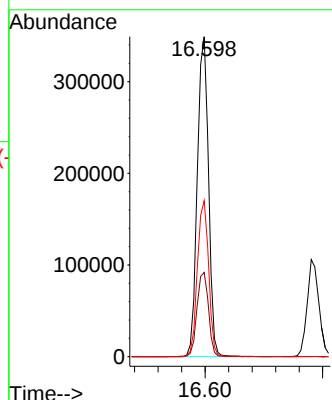
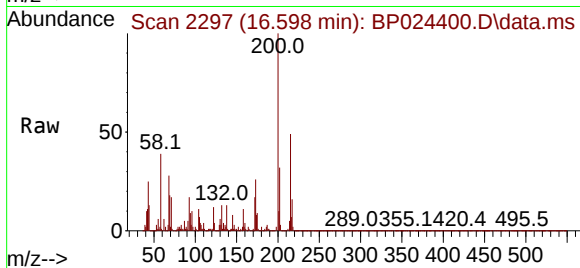
Tgt Ion:200 Resp: 460989

Ion Ratio Lower Upper

200 100

173 26.3 7.5 47.5

215 48.8 28.8 68.8



#70

Pentachlorophenol

Concen: 101.537 ng

RT: 16.786 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

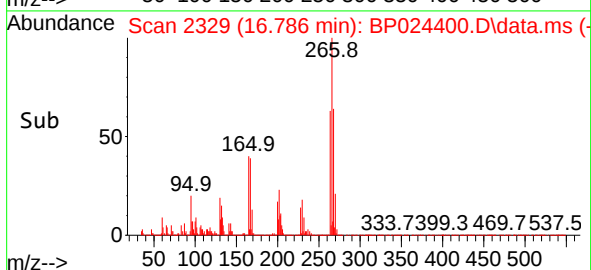
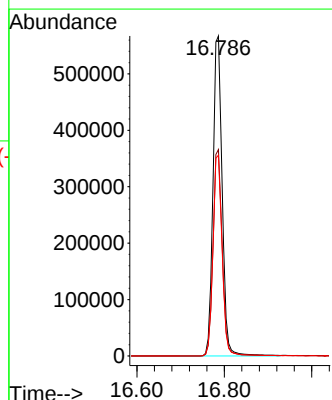
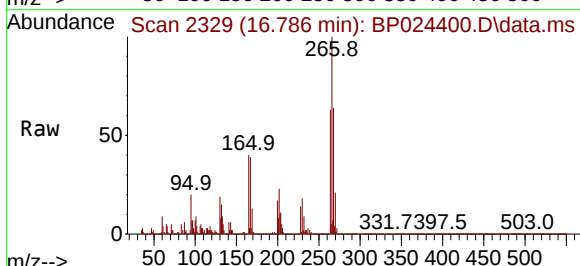
Tgt Ion:266 Resp: 830680

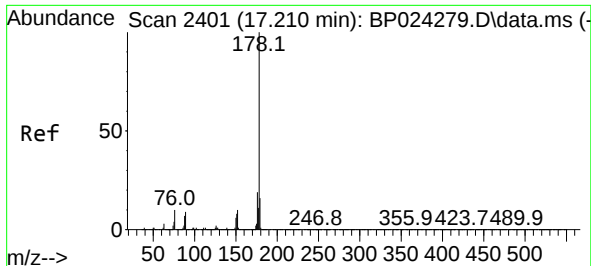
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 62.7 49.8 74.6

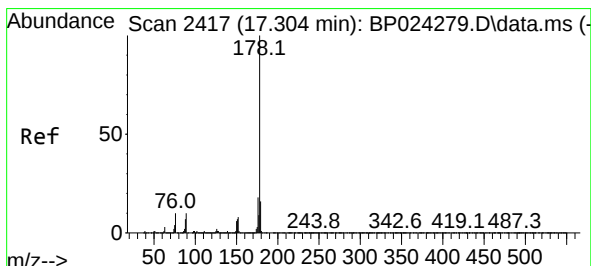
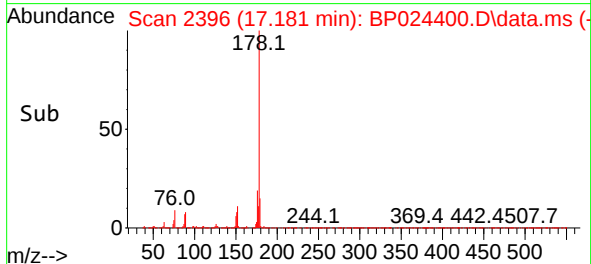
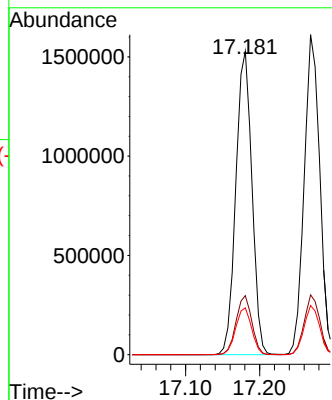
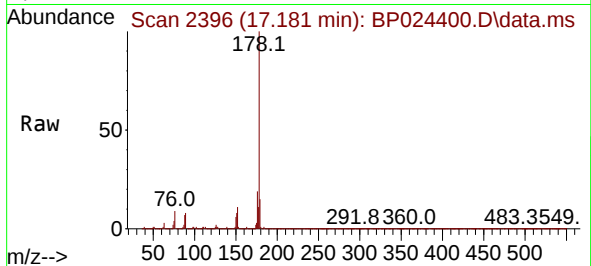




#71
Phenanthrene
Concen: 46.738 ng
RT: 17.181 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

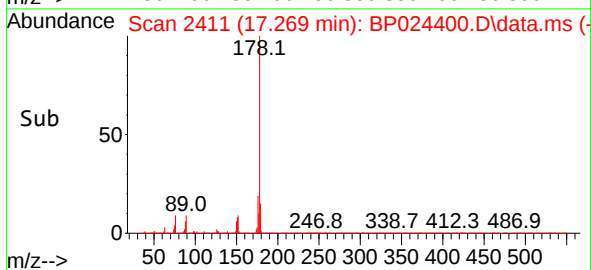
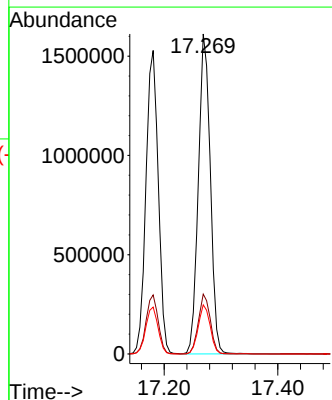
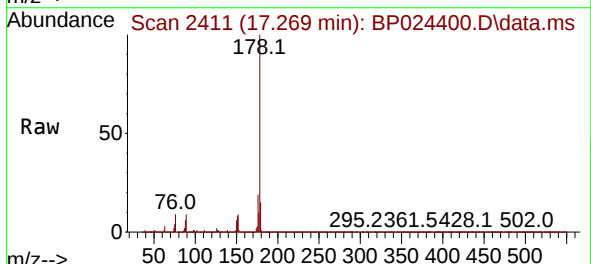
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

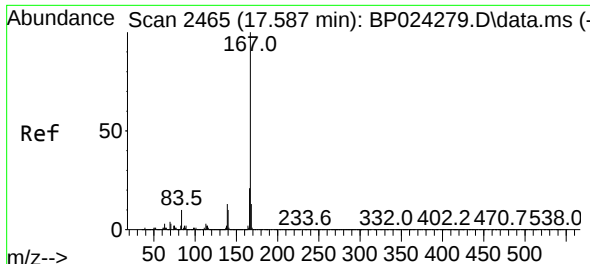
Tgt Ion:178 Resp: 2300738
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.5 18.7



#72
Anthracene
Concen: 49.746 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:178 Resp: 2360129
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.4 12.4 18.6

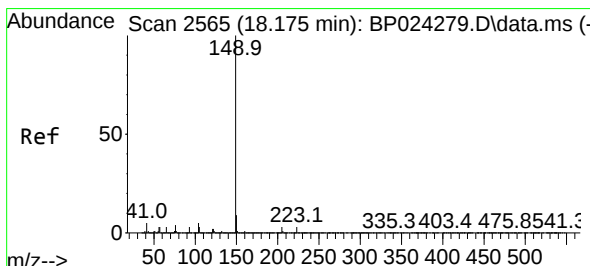
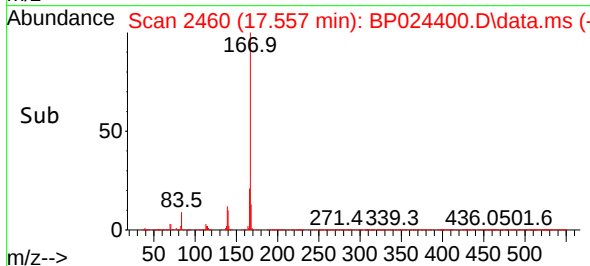
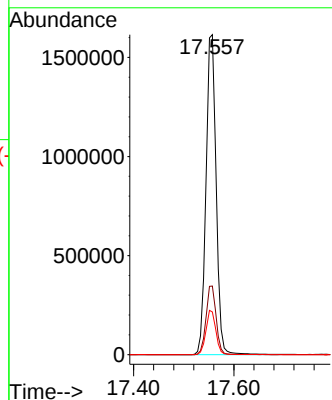
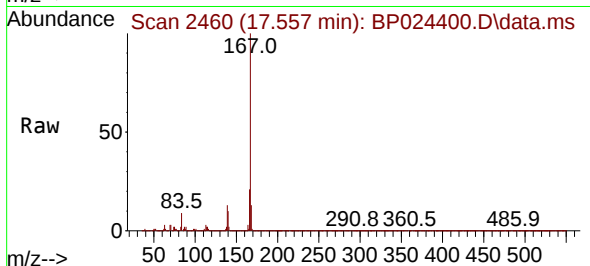




#73
Carbazole
Concen: 48.954 ng
RT: 17.557 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

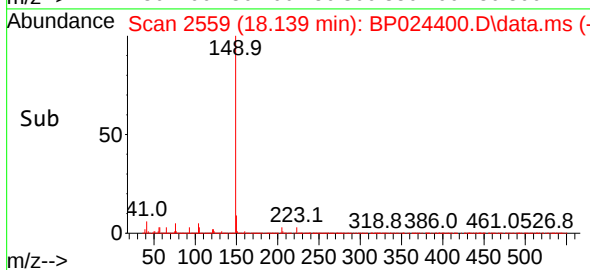
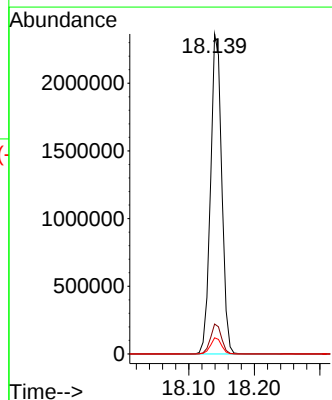
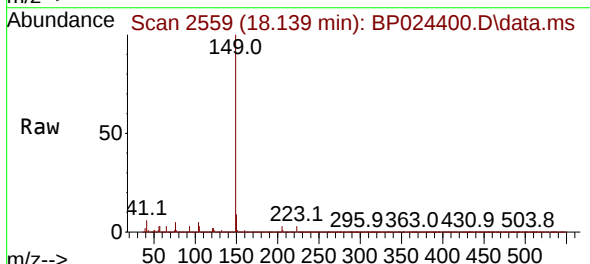
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

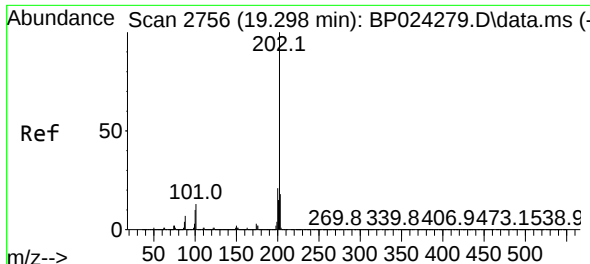
Tgt Ion:167 Resp: 2269328
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 13.3 10.6 16.0



#74
Di-n-butylphthalate
Concen: 48.492 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:149 Resp: 2800596
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.0 3.9 5.9

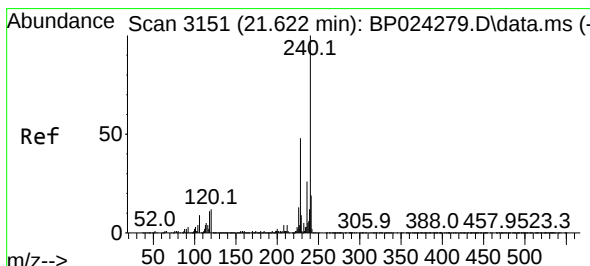
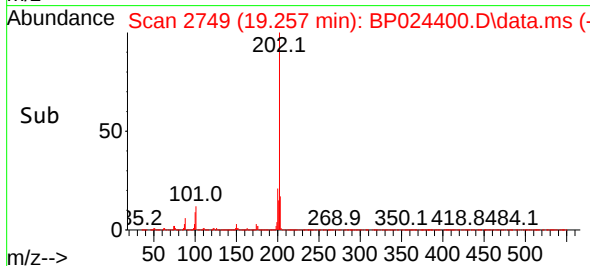
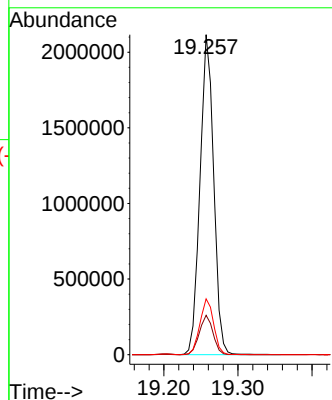
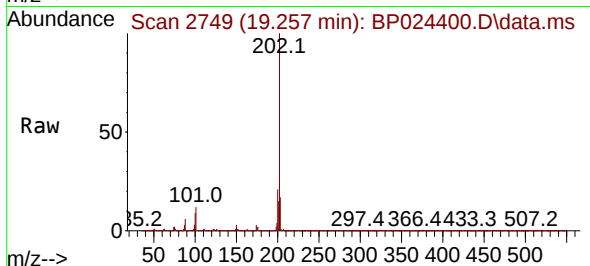




#75
Fluoranthene
Concen: 46.259 ng
RT: 19.257 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

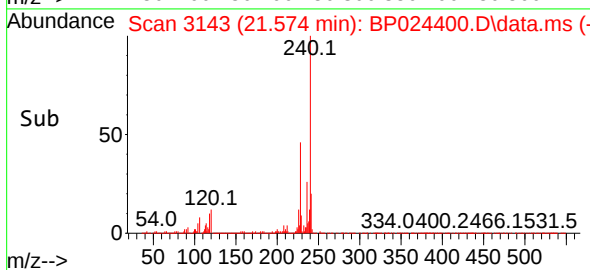
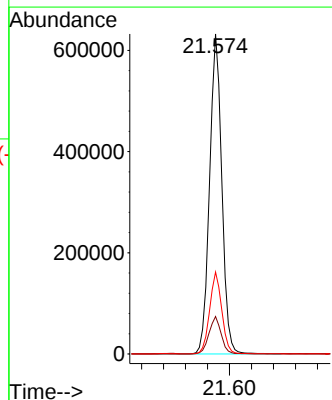
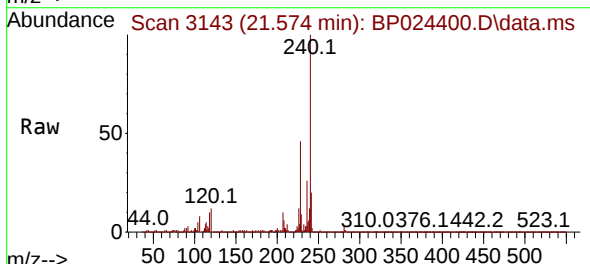
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

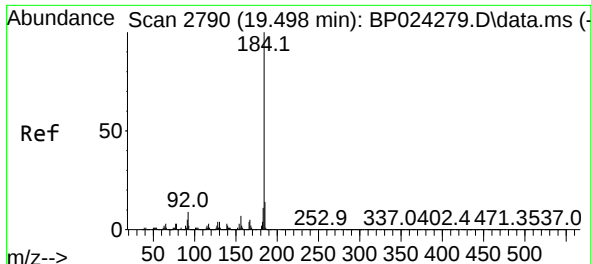
Tgt Ion:202 Resp: 2708288
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.2
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:240 Resp: 975544
Ion Ratio Lower Upper
240 100
120 11.7 9.8 14.8
236 25.6 20.9 31.3

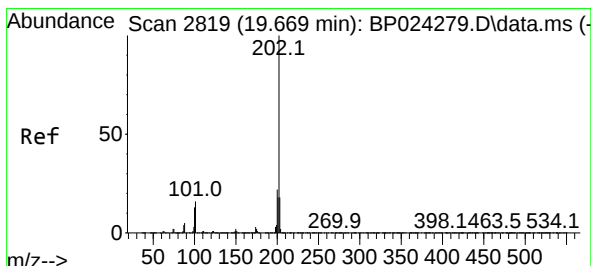
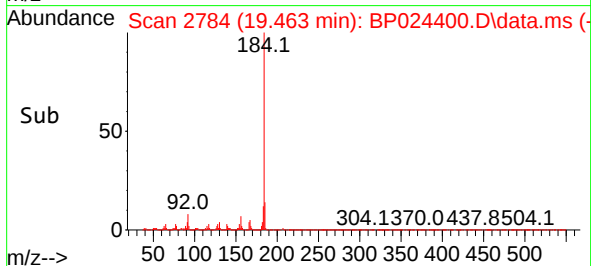
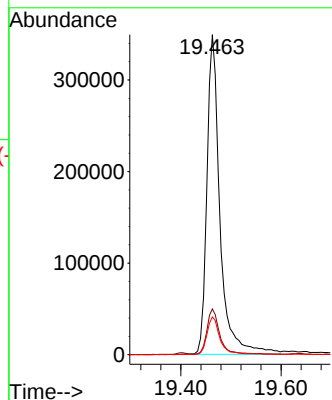
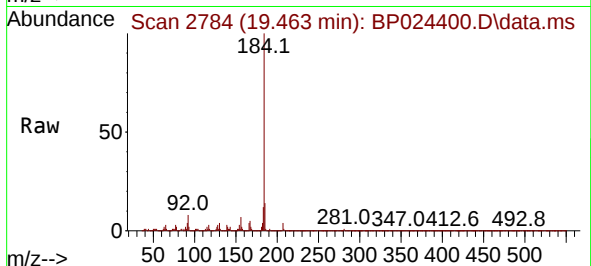




#77
Benzidine
Concen: 51.241 ng
RT: 19.463 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

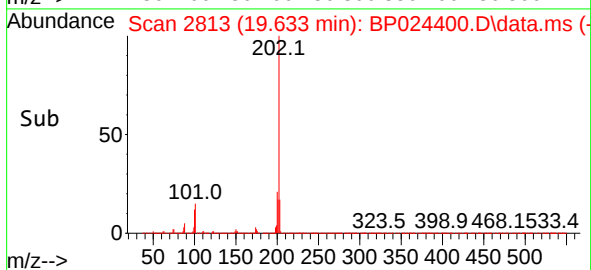
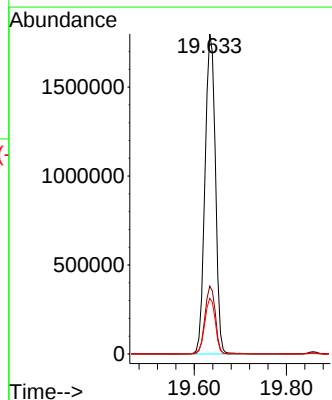
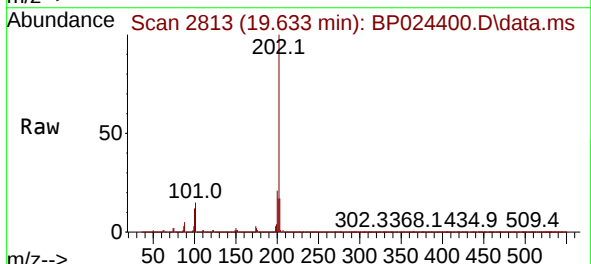
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

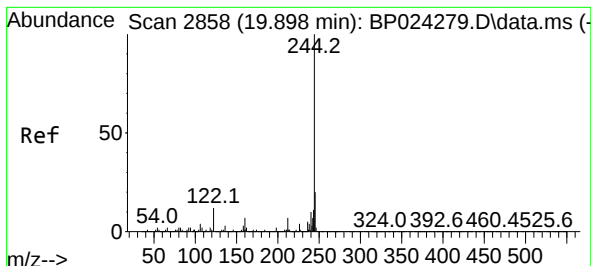
Tgt Ion:184 Resp: 633640
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 11.8 9.2 13.8



#78
Pyrene
Concen: 45.760 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:202 Resp: 2836976
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 95.609 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

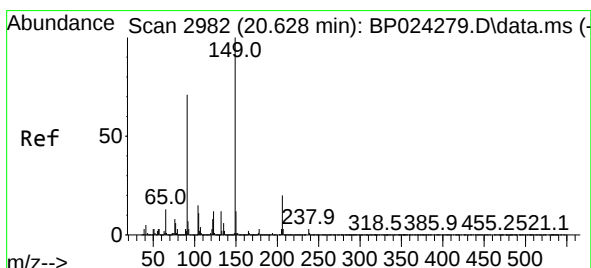
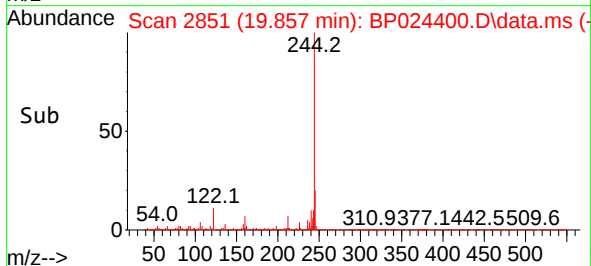
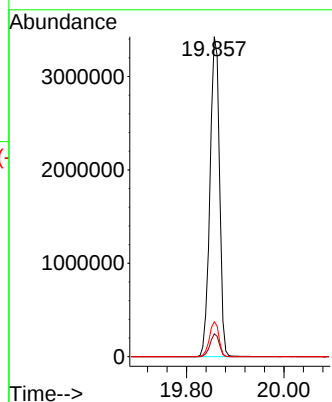
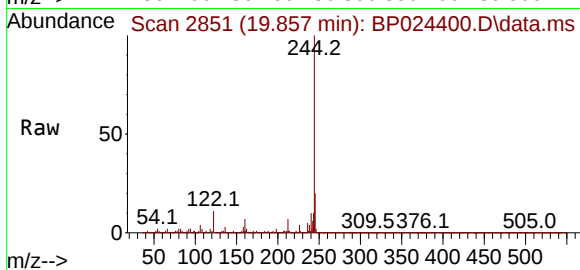
Tgt Ion:244 Resp: 4627352

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.9 9.4 14.0



#80

Butylbenzylphthalate

Concen: 49.964 ng

RT: 20.586 min Scan# 2975

Delta R.T. -0.018 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

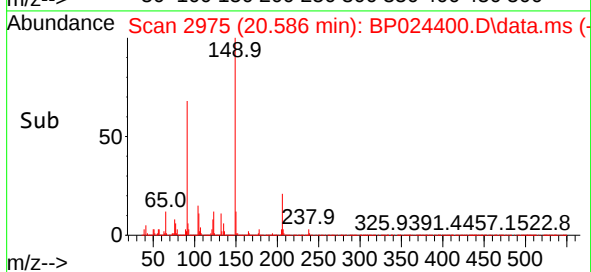
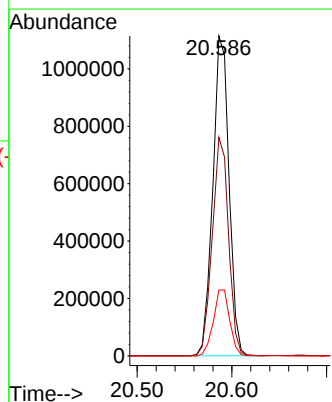
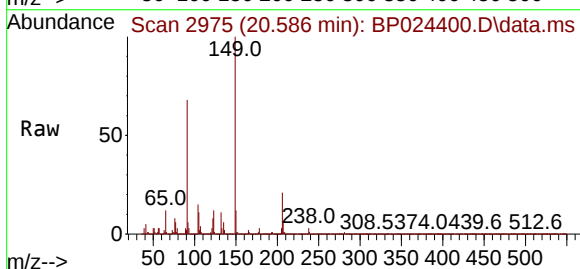
Tgt Ion:149 Resp: 1326774

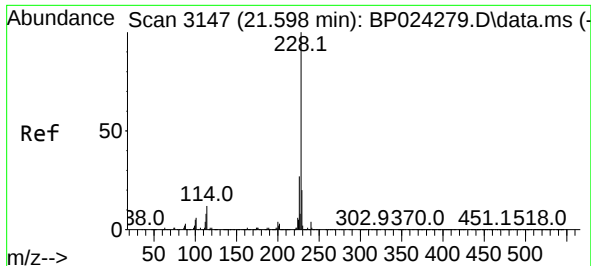
Ion Ratio Lower Upper

149 100

91 68.3 56.4 84.6

206 20.6 16.3 24.5

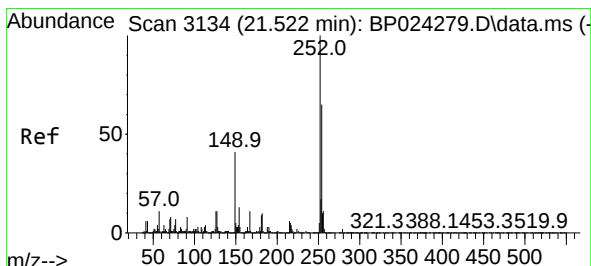
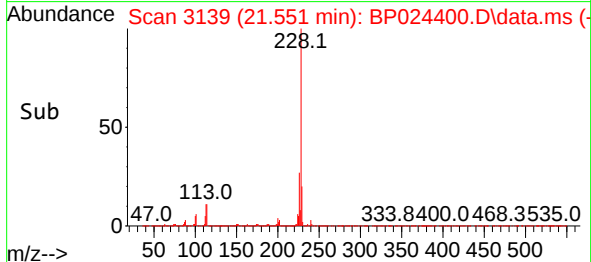
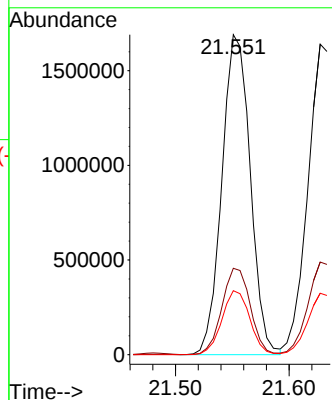
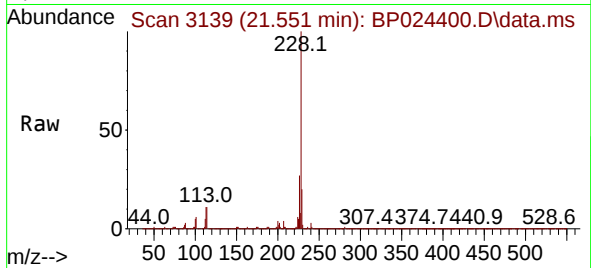




#81
Benzo(a)anthracene
Concen: 48.391 ng
RT: 21.551 min Scan# 3147
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

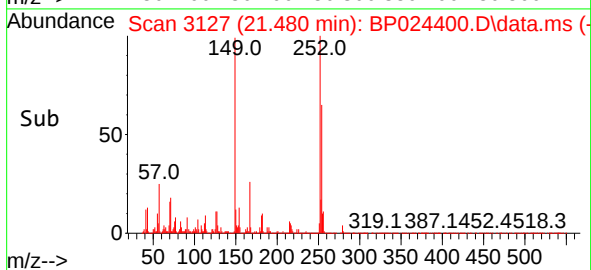
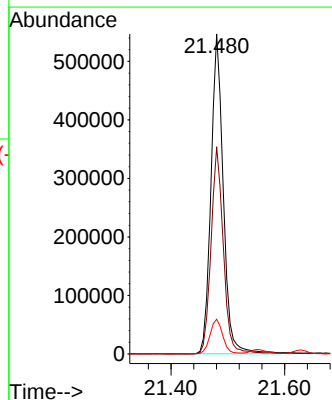
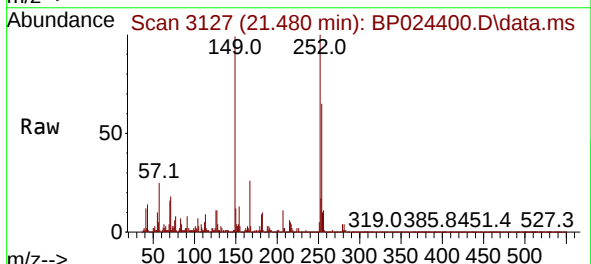
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

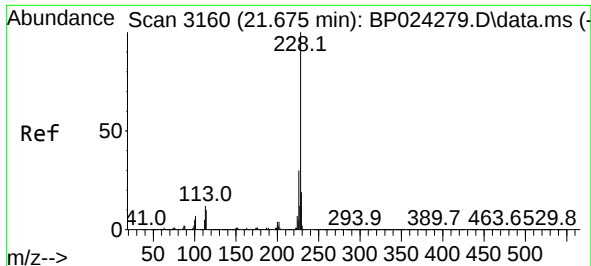
Tgt Ion:228 Resp: 2934263
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 38.464 ng
RT: 21.480 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:252 Resp: 818606
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 10.8 8.8 13.2

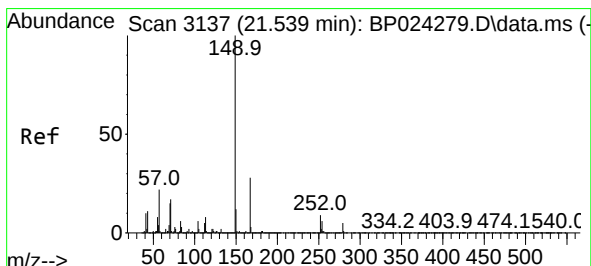
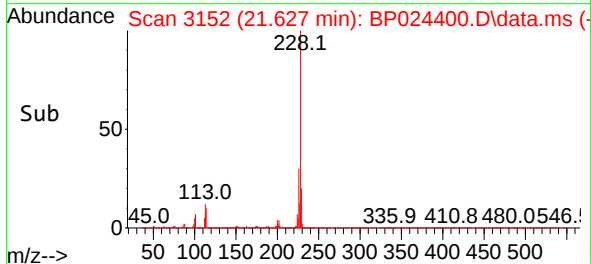
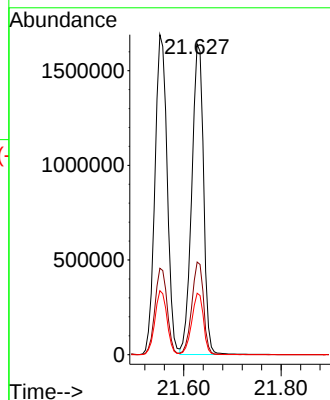
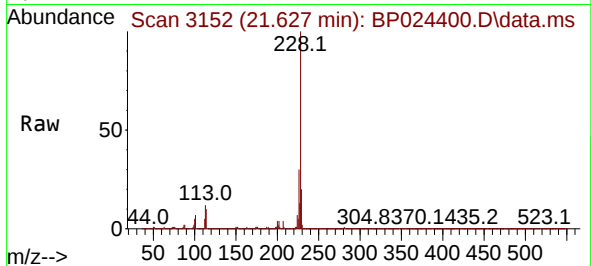




#83
Chrysene
Concen: 47.483 ng
RT: 21.627 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

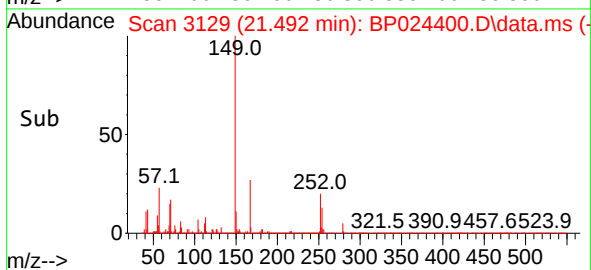
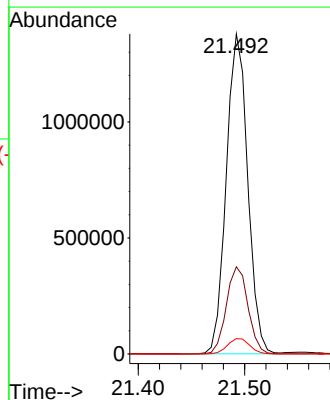
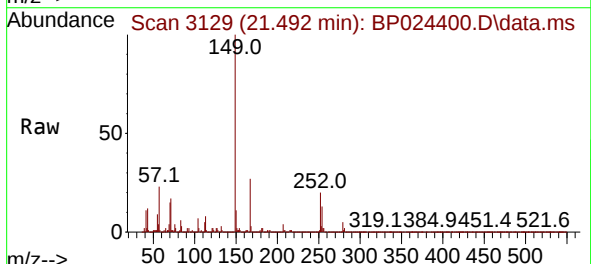
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

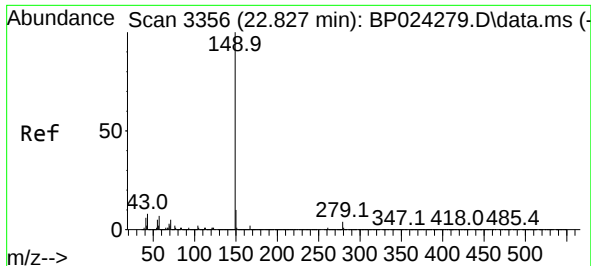
Tgt Ion:228 Resp: 2758378
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 19.8 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.457 ng
RT: 21.492 min Scan# 3129
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:149 Resp: 1925286
Ion Ratio Lower Upper
149 100
167 27.2 22.4 33.6
279 4.8 4.0 6.0

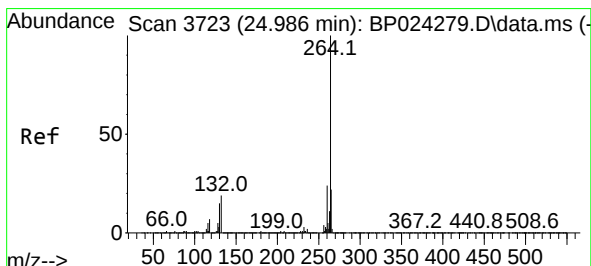
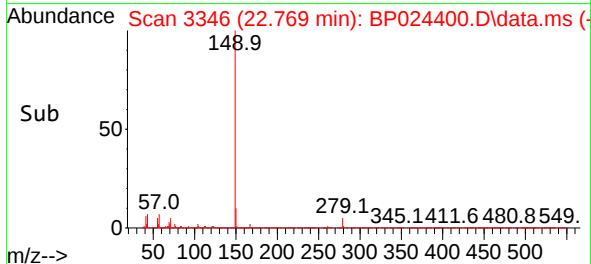
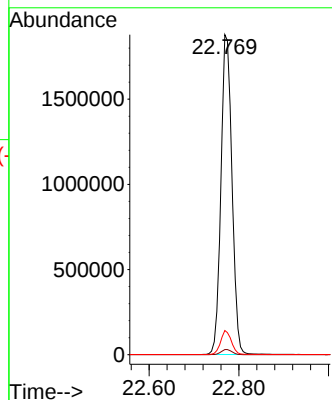
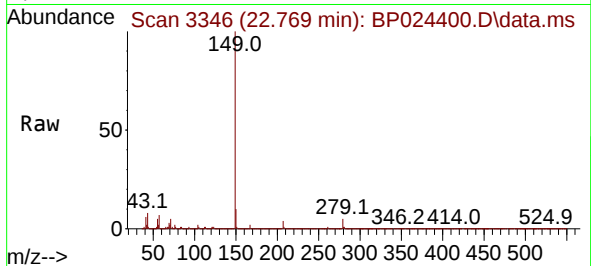




#85
Di-n-octyl phthalate
Concen: 50.775 ng
RT: 22.769 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

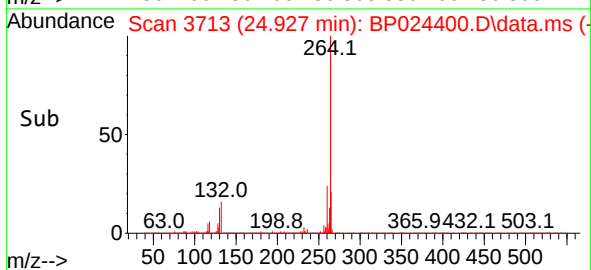
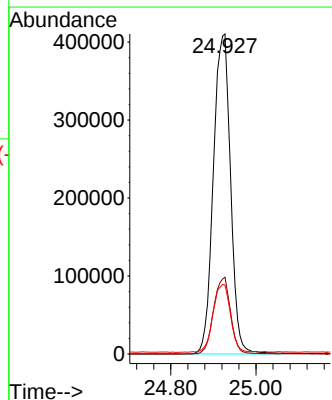
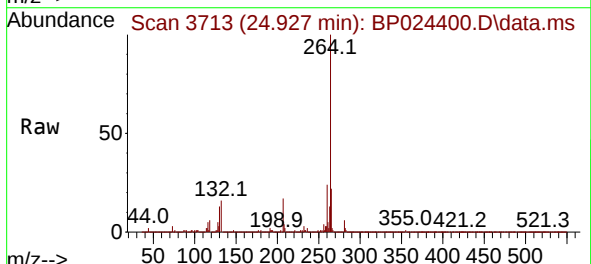
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

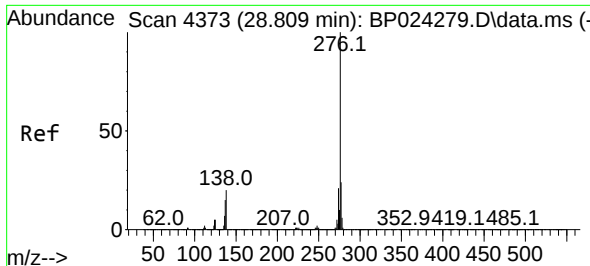
Tgt Ion:149 Resp: 3213381
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.3 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.927 min Scan# 3713
Delta R.T. -0.006 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:264 Resp: 1149292
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 21.6 17.8 26.6

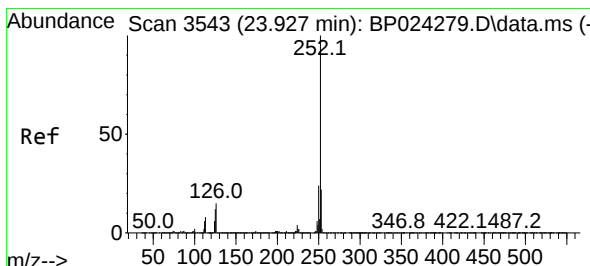
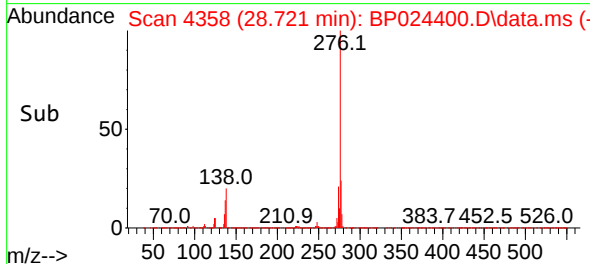
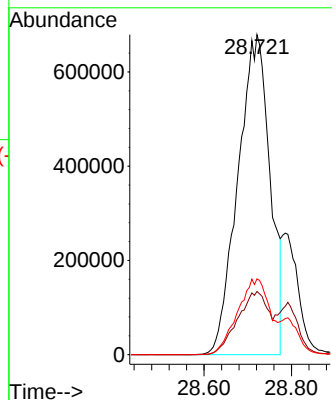
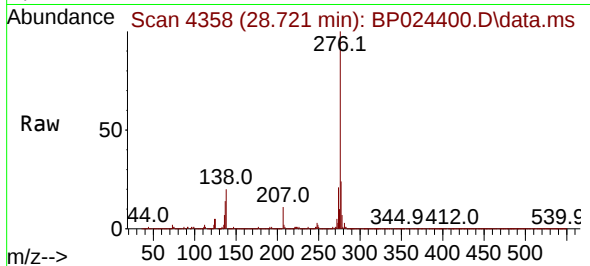




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.310 ng
 RT: 28.721 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BP024400.D
 Acq: 23 Apr 2025 17:35

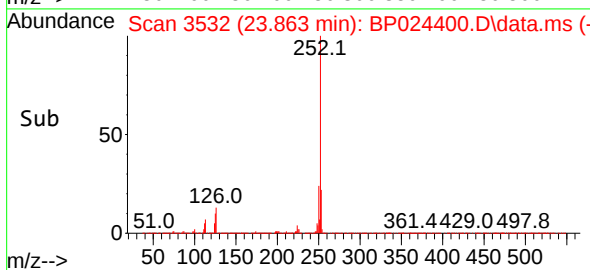
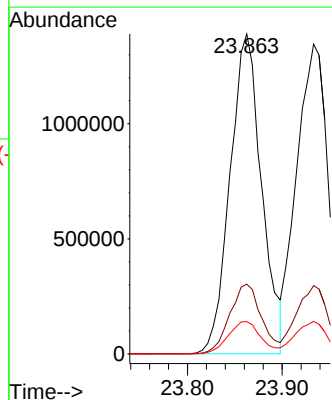
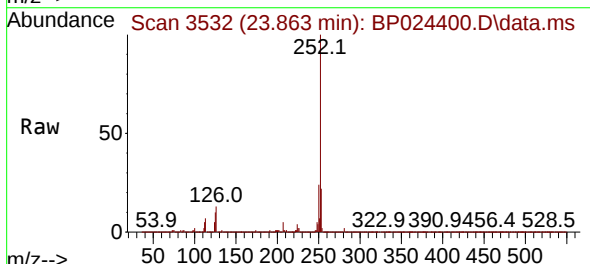
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-08MSD

Tgt Ion:276 Resp: 3455670
 Ion Ratio Lower Upper
 276 100
 138 18.7 14.5 21.7
 277 23.7 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 46.685 ng
 RT: 23.863 min Scan# 3532
 Delta R.T. -0.023 min
 Lab File: BP024400.D
 Acq: 23 Apr 2025 17:35

Tgt Ion:252 Resp: 3216137
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 10.1 9.4 14.0

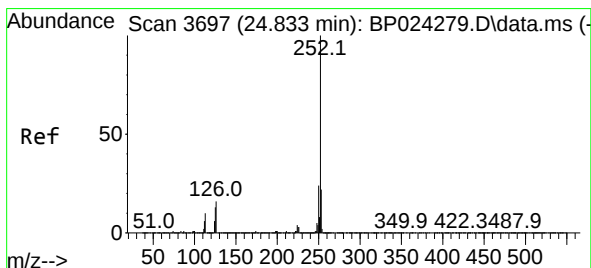
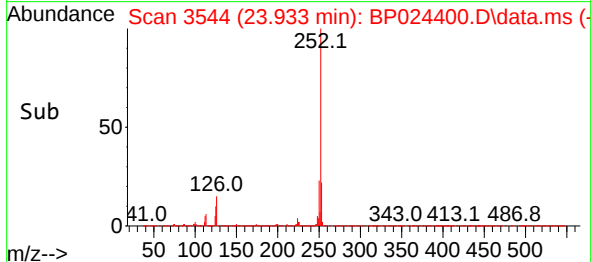
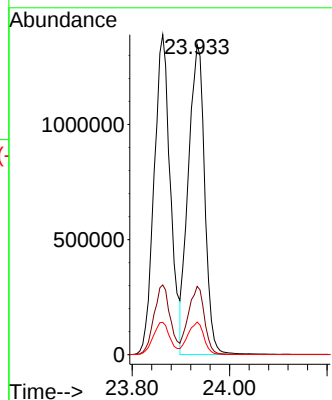
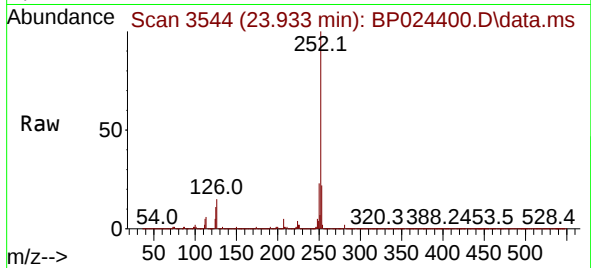




#89
Benzo(k)fluoranthene
Concen: 47.174 ng
RT: 23.933 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

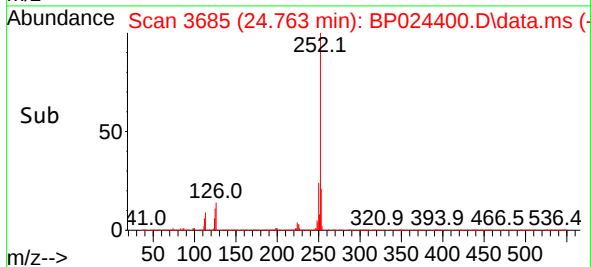
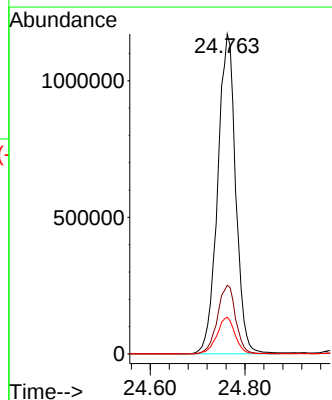
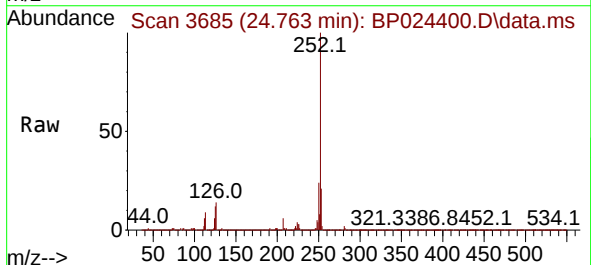
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

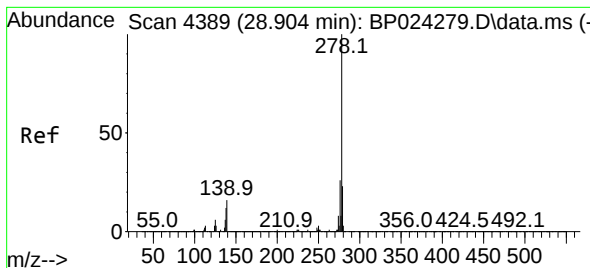
Tgt Ion:252 Resp: 3139122
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 52.060 ng
RT: 24.763 min Scan# 3685
Delta R.T. -0.018 min
Lab File: BP024400.D
Acq: 23 Apr 2025 17:35

Tgt Ion:252 Resp: 3093609
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 11.5 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 51.411 ng

RT: 28.792 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08MSD

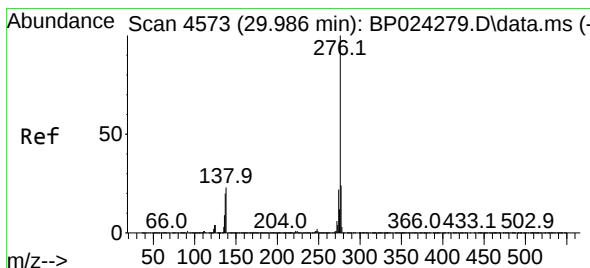
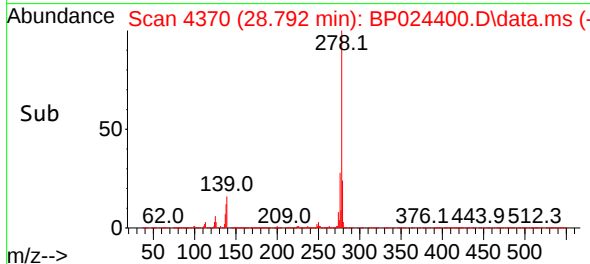
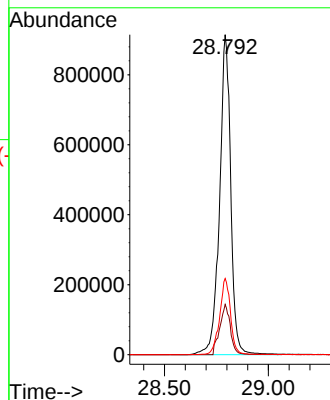
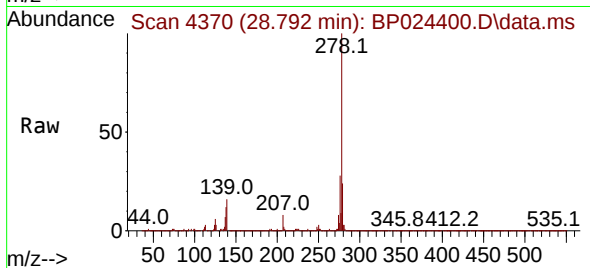
Tgt Ion:278 Resp: 3404772

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 28.207 ng

RT: 29.874 min Scan# 4554

Delta R.T. -0.023 min

Lab File: BP024400.D

Acq: 23 Apr 2025 17:35

Tgt Ion:276 Resp: 1901457

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 21.5 18.7 28.1

