

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024380.D
 Acq On : 22 Apr 2025 16:03
 Operator : RC/JU
 Sample : Q1842-13MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-10MSD

Quant Time: Apr 22 16:47:09 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	7.722	152	214795	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	834096	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	496341	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	962611	20.000	ng	0.01
76) Chrysene-d12	21.598	240	1062125	20.000	ng	0.00
86) Perylene-d12	24.957	264	1335629	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1230712	94.738	ng	0.00
7) Phenol-d6	6.905	99	1639205	92.153	ng	0.00
23) Nitrobenzene-d5	8.869	82	936419	64.016	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	720259	104.885	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2145075	66.171	ng	0.00
79) Terphenyl-d14	19.880	244	3346259	63.503	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	218177	39.706	ng	98
3) Pyridine	3.675	79	558588	38.498	ng	96
4) n-Nitrosodimethylamine	3.587	42	215532	44.759	ng	91
6) Aniline	7.058	93	469695	29.550	ng	99
8) 2-Chlorophenol	7.293	128	645946	44.536	ng	99
9) Benzaldehyde	6.875	77	328188	37.298	ng	98
10) Phenol	6.934	94	800660	44.870	ng	96
11) bis(2-Chloroethyl)ether	7.152	93	598812	41.651	ng	98
12) 1,3-Dichlorobenzene	7.610	146	689105	44.132	ng	99
13) 1,4-Dichlorobenzene	7.758	146	708642	44.729	ng	100
14) 1,2-Dichlorobenzene	8.069	146	670466	43.827	ng	99
15) Benzyl Alcohol	7.957	79	523318	45.492	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.240	45	669886	43.107	ng	99
17) 2-Methylphenol	8.163	107	521651	45.191	ng	99
18) Hexachloroethane	8.787	117	263001	45.935	ng	98
19) n-Nitroso-di-n-propyla...	8.516	70	437722	39.776	ng	99
20) 3+4-Methylphenols	8.487	107	698186	43.591	ng	98
22) Acetophenone	8.534	105	905501	43.862	ng	99
24) Nitrobenzene	8.910	77	650401	44.946	ng	99
25) Isophorone	9.434	82	1219622	46.063	ng	98
26) 2-Nitrophenol	9.610	139	339609	47.957	ng	96
27) 2,4-Dimethylphenol	9.681	122	583905	65.668	ng	100
28) bis(2-Chloroethoxy)met...	9.904	93	777443	43.465	ng	99
29) 2,4-Dichlorophenol	10.151	162	565751	46.664	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	596996	45.959	ng	99
31) Naphthalene	10.540	128	1864201	42.429	ng	99
32) Benzoic acid	9.828	122	452272	43.652	ng	99
33) 4-Chloroaniline	10.657	127	230355	14.888	ng	98
34) Hexachlorobutadiene	10.828	225	365602	47.896	ng	99
35) Caprolactam	11.451	113	197981	44.256	ng	98
36) 4-Chloro-3-methylphenol	11.793	107	628861	44.532	ng	100
37) 2-Methylnaphthalene	12.151	142	1168003	38.331	ng	99
38) 1-Methylnaphthalene	12.375	142	1233545	41.381	ng	99
40) 1,2,4,5-Tetrachloroben...	12.522	216	633534	46.415	ng	98
41) Hexachlorocyclopentadiene	12.504	237	918772	190.323	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	446560	49.208	ng	99

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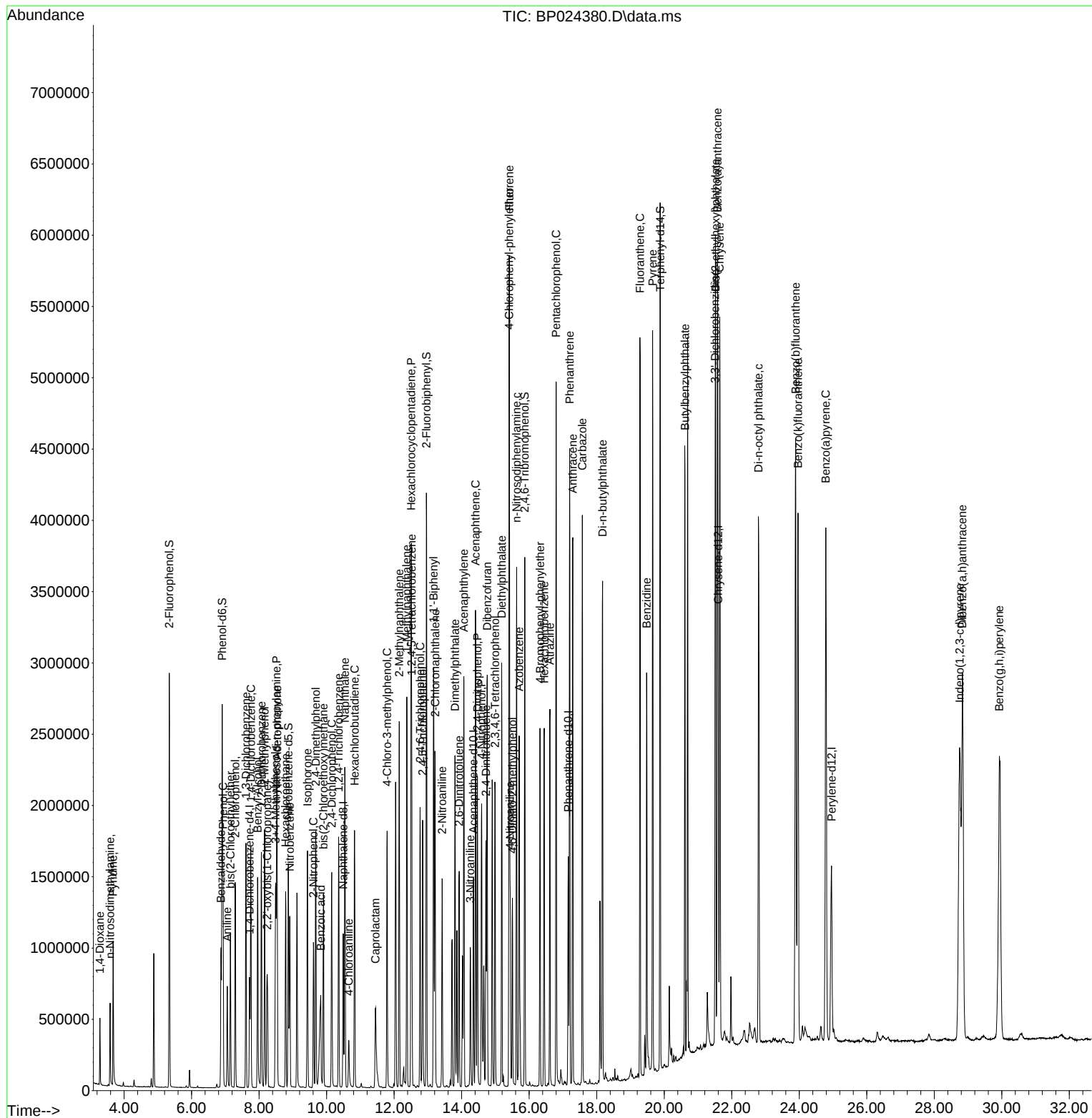
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	495034	49.261	ng	98
46) 1,1'-Biphenyl	13.169	154	1643579	45.050	ng	99
47) 2-Chloronaphthalene	13.216	162	1247752	45.760	ng	99
48) 2-Nitroaniline	13.422	65	378448	49.479	ng	95
49) Acenaphthylene	14.063	152	2075269	48.340	ng	100
50) Dimethylphthalate	13.804	163	1573926	43.605	ng	99
51) 2,6-Dinitrotoluene	13.928	165	355794	46.420	ng	99
52) Acenaphthene	14.410	154	1202431	44.180	ng	100
53) 3-Nitroaniline	14.257	138	280502	34.820	ng	99
54) 2,4-Dinitrophenol	14.469	184	490624	108.669	ng	93
55) Dibenzofuran	14.757	168	1894215	42.579	ng	99
56) 4-Nitrophenol	14.592	139	706038	101.481	ng	97
57) 2,4-Dinitrotoluene	14.722	165	514413	49.200	ng	99
58) Fluorene	15.410	166	1544949	44.860	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	433375	46.758	ng	99
60) Diethylphthalate	15.187	149	1625009	43.687	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	748983	44.786	ng	97
62) 4-Nitroaniline	15.439	138	395390	46.365	ng	94
63) Azobenzene	15.704	77	1604390	46.929	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	303081	49.940	ng	98
66) n-Nitrosodiphenylamine	15.628	169	1335693	46.488	ng	98
67) 4-Bromophenyl-phenylether	16.322	248	482504	45.831	ng	99
68) Hexachlorobenzene	16.445	284	591744	47.302	ng	100
69) Atrazine	16.616	200	478350	65.369	ng	99
70) Pentachlorophenol	16.798	266	837797	95.997	ng	99
71) Phenanthrene	17.198	178	2435613	46.381	ng	100
72) Anthracene	17.292	178	2388358	47.190	ng	99
73) Carbazole	17.575	167	2302569	46.562	ng	100
74) Di-n-butylphthalate	18.175	149	2925683	47.487	ng	99
75) Fluoranthene	19.280	202	3004810	48.111	ng	99
77) Benzidine	19.480	184	1609805	119.570	ng	100
78) Pyrene	19.657	202	3078266	45.604	ng	99
80) Butylbenzylphthalate	20.616	149	1360244	47.048	ng	94
81) Benzo(a)anthracene	21.580	228	3198774	48.453	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	762633	32.913	ng	99
83) Chrysene	21.645	228	2967767	46.923	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	2036171	48.042	ng	100
85) Di-n-octyl phthalate	22.792	149	3733031	54.178	ng	99
87) Indeno(1,2,3-cd)pyrene	28.751	276	4760197	51.337	ng	99
88) Benzo(b)fluoranthene	23.892	252	3685399	46.034	ng	99
89) Benzo(k)fluoranthene	23.963	252	3470812	44.882	ng	99
90) Benzo(a)pyrene	24.786	252	3493101	50.582	ng	99
91) Dibenzo(a,h)anthracene	28.833	278	3792725	49.279	ng	99
92) Benzo(g,h,i)perylene	29.927	276	3847848	49.118	ng	98

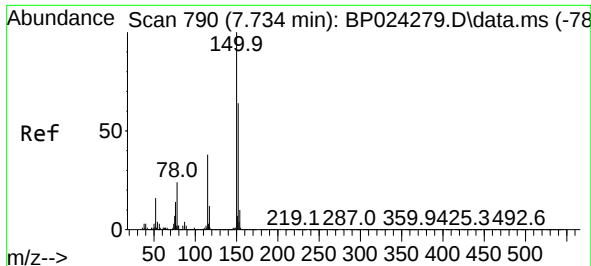
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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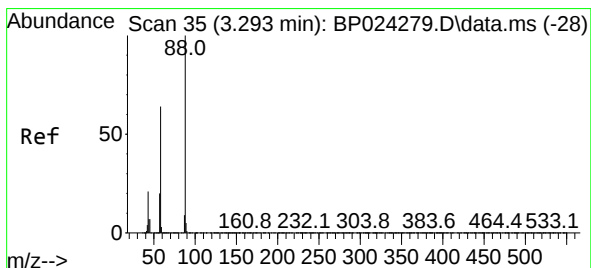
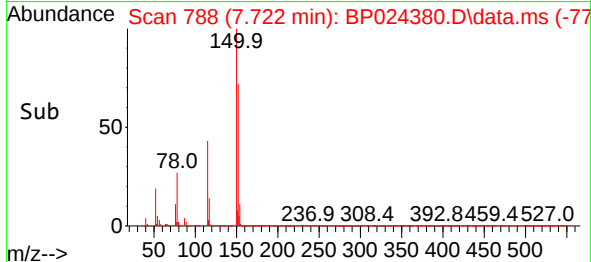
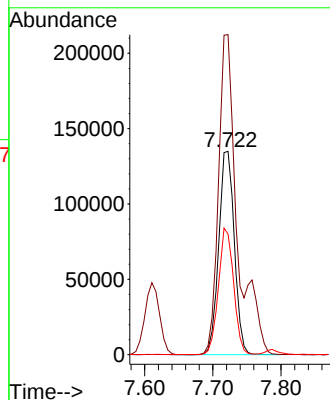
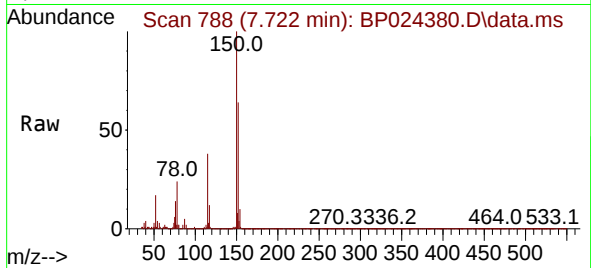




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP024380.D
 Acq: 22 Apr 2025 16:03

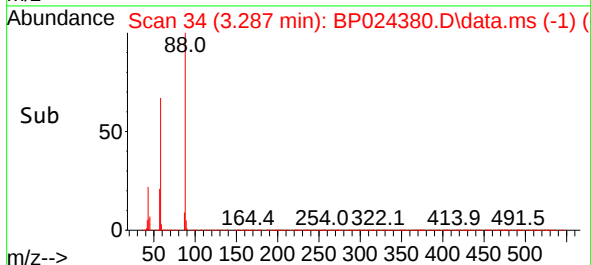
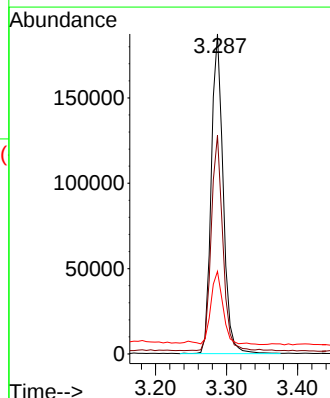
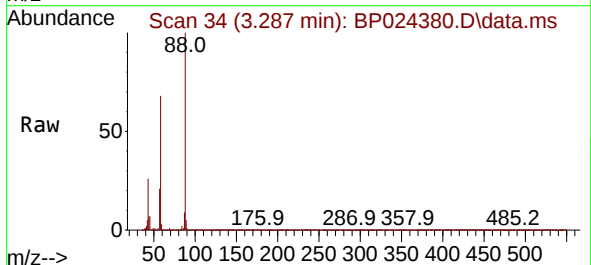
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-10MSD

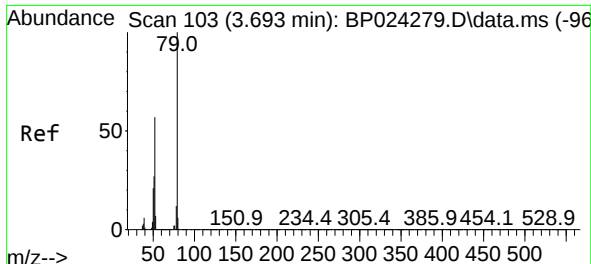
Tgt Ion:152 Resp: 214795
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.9 187.3
 115 59.4 47.7 71.5



#2
 1,4-Dioxane
 Concen: 39.706 ng
 RT: 3.287 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BP024380.D
 Acq: 22 Apr 2025 16:03

Tgt Ion: 88 Resp: 218177
 Ion Ratio Lower Upper
 88 100
 58 65.1 51.4 77.2
 43 23.4 17.1 25.7

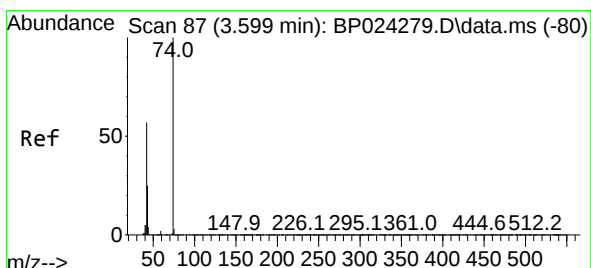
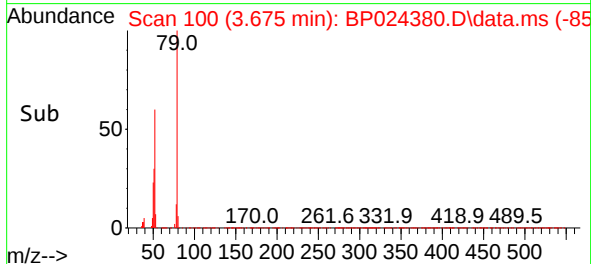
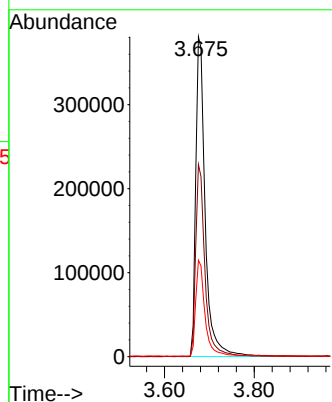
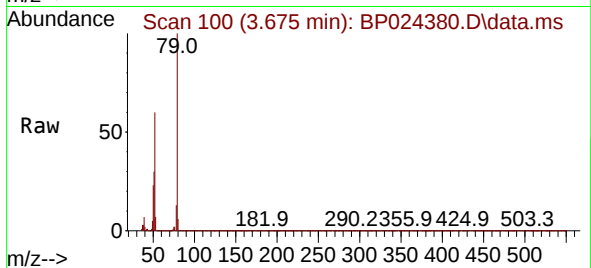




#3
Pyridine
Concen: 38.498 ng
RT: 3.675 min Scan# 103
Delta R.T. -0.012 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

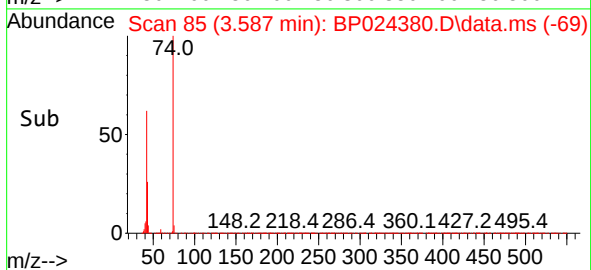
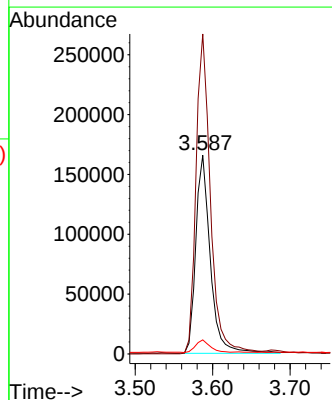
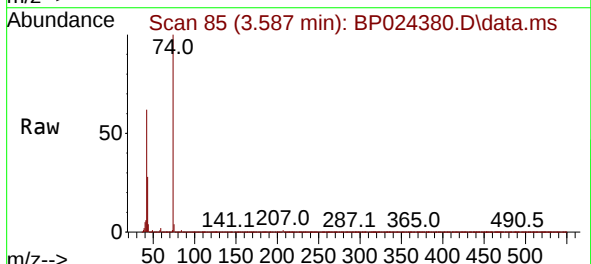
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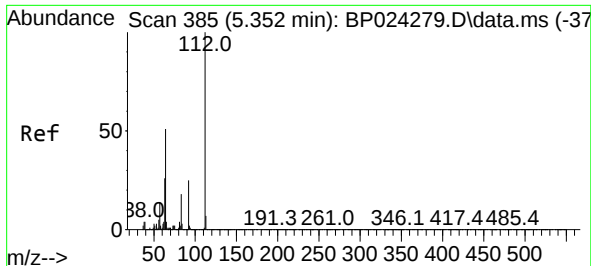
Tgt Ion: 79 Resp: 558588
Ion Ratio Lower Upper
79 100
52 60.0 45.4 68.2
51 30.2 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 44.759 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 42 Resp: 215532
Ion Ratio Lower Upper
42 100
74 161.1 139.5 209.3
44 7.1 5.8 8.8

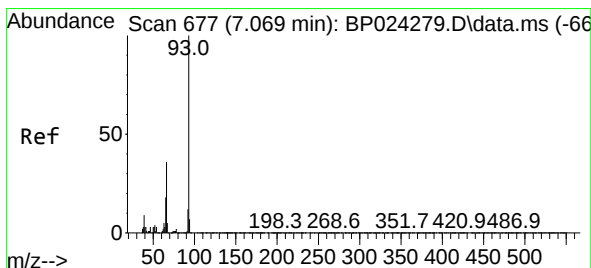
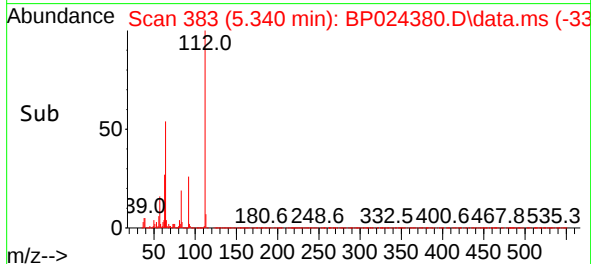
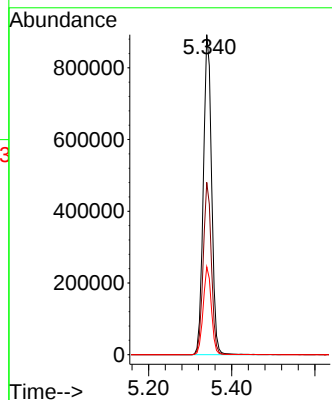
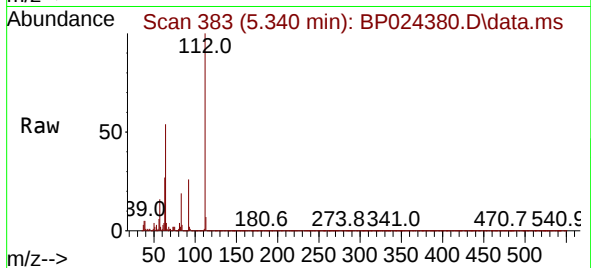




#5
2-Fluorophenol
Concen: 94.738 ng
RT: 5.340 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

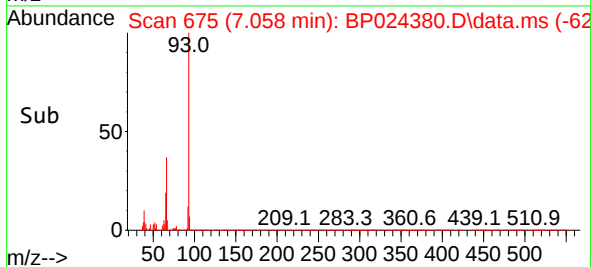
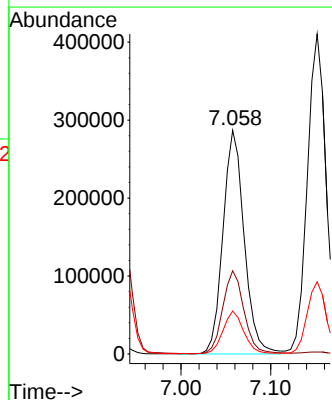
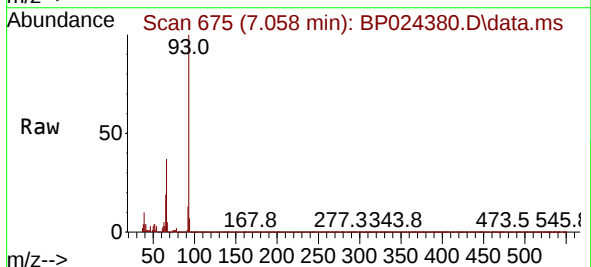
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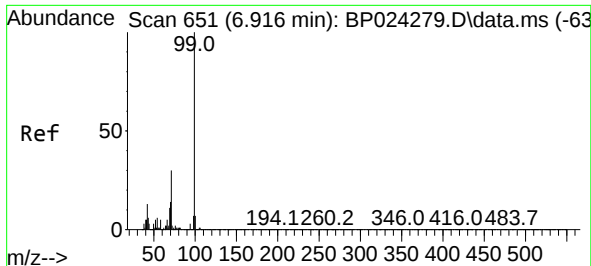
Tgt Ion:112 Resp: 1230712
Ion Ratio Lower Upper
112 100
64 53.8 41.1 61.7
63 27.5 20.6 30.8



#6
Aniline
Concen: 29.550 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

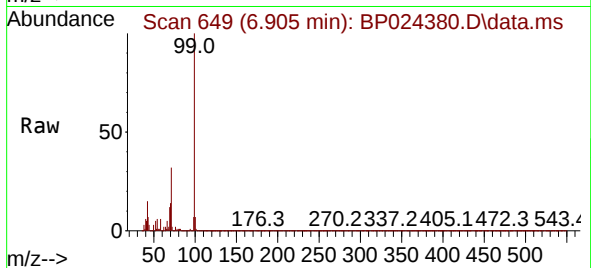
Tgt Ion: 93 Resp: 469695
Ion Ratio Lower Upper
93 100
66 37.2 29.1 43.7
65 19.2 14.7 22.1





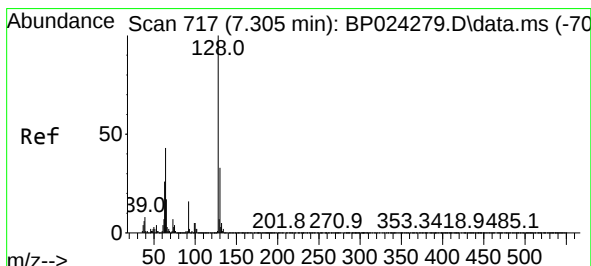
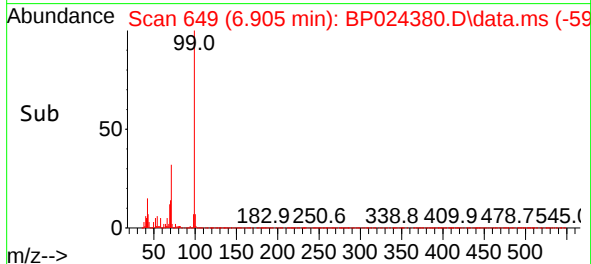
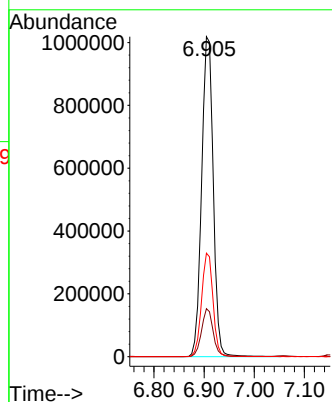
#7
Phenol-d6
Concen: 92.153 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024380.D
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Tgt Ion: 99 Resp: 1639205

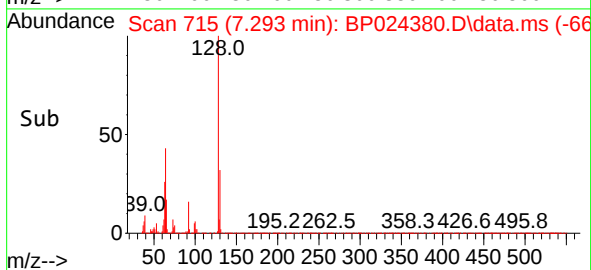
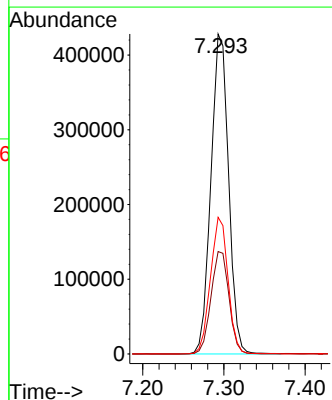
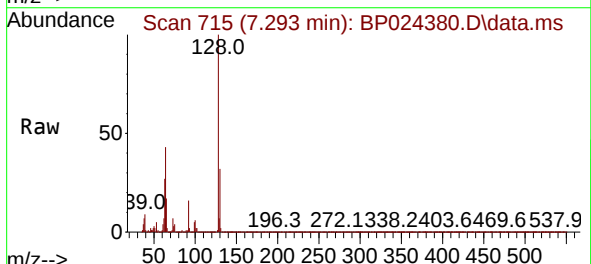
Ion	Ratio	Lower	Upper
99	100		
42	15.0	10.6	16.0
71	32.4	23.7	35.5

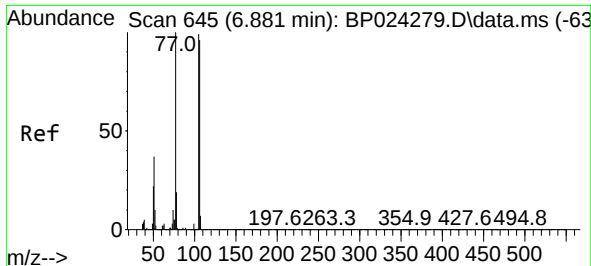


#8
2-Chlorophenol
Concen: 44.536 ng
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 128 Resp: 645946

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	42.7	22.7	62.7

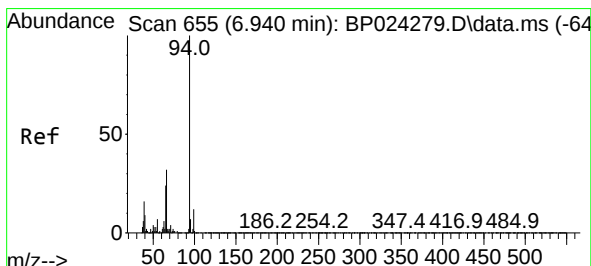
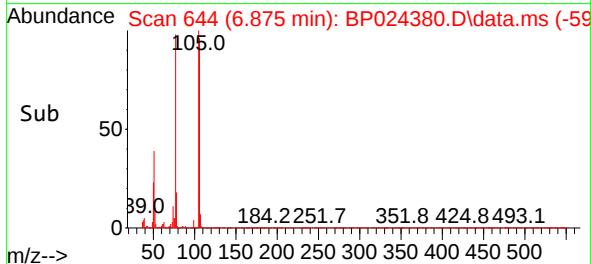
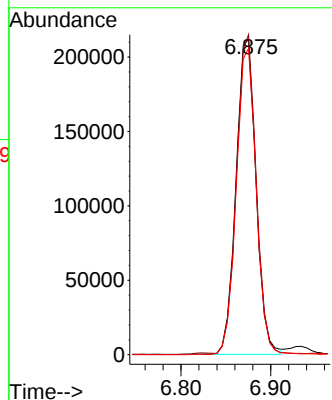
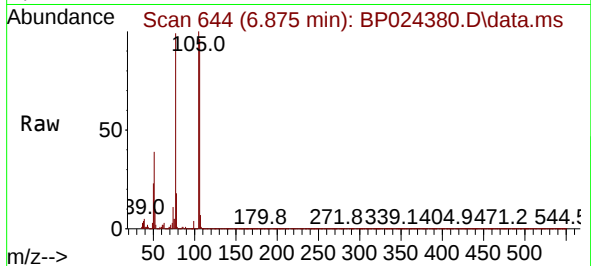




#9
Benzaldehyde
Concen: 37.298 ng
RT: 6.875 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP024380.D
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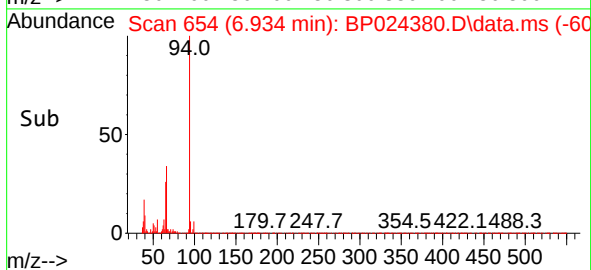
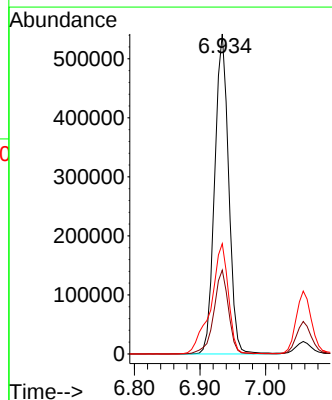
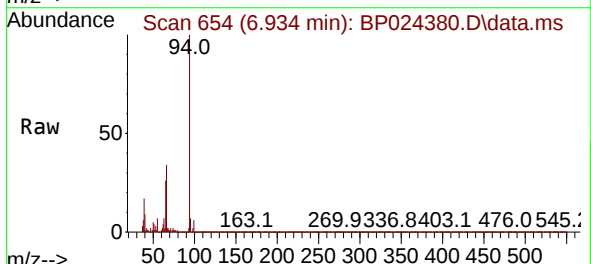
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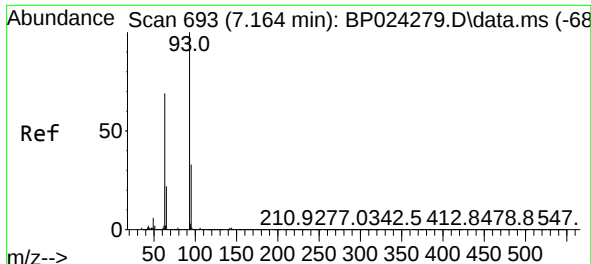
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Ion Ratio Lower Upper
77 100
105 101.5 79.2 119.2
106 97.2 76.2 116.2



#10
Phenol
Concen: 44.870 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 94 Resp: 800660
Ion Ratio Lower Upper
94 100
65 26.2 4.5 44.5
66 34.5 12.4 52.4

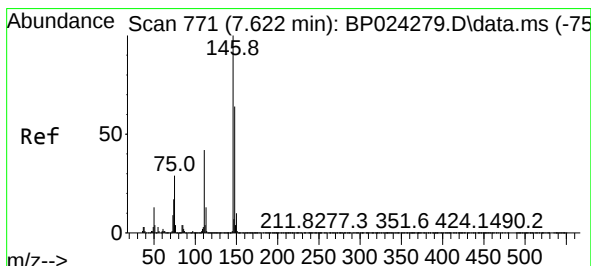
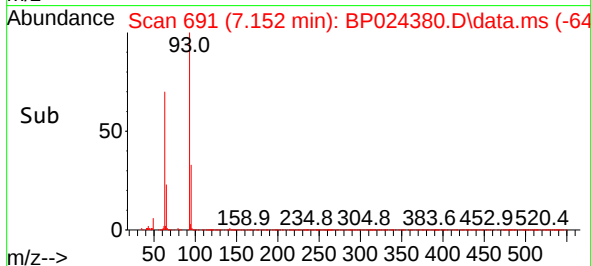
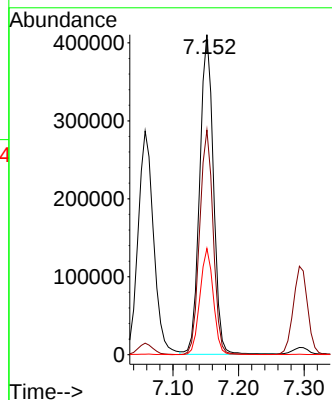
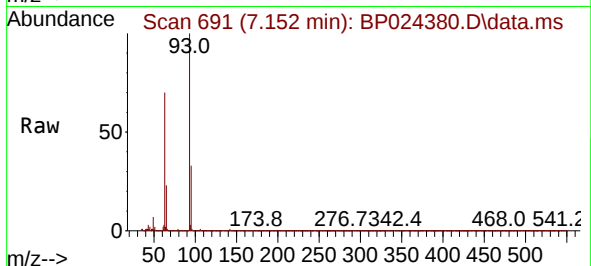




#11
bis(2-Chloroethyl)ether
Concen: 41.651 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

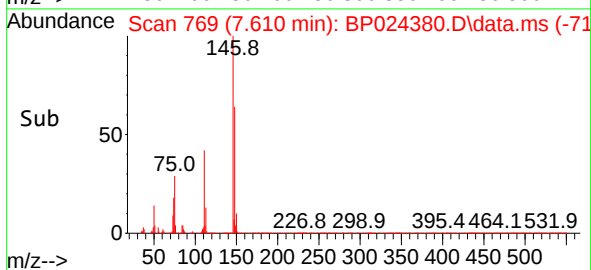
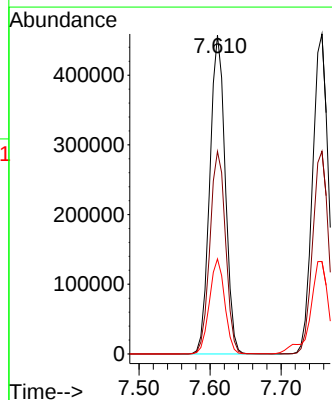
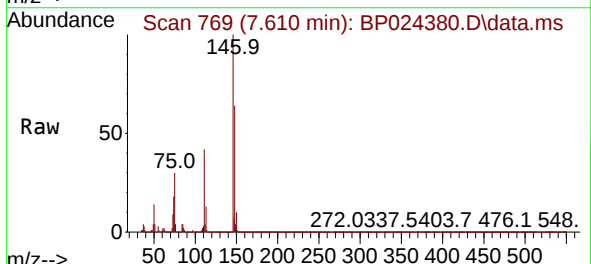
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

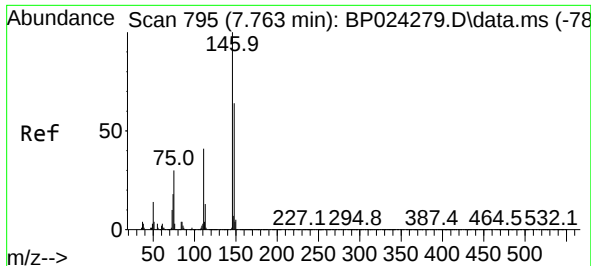
Tgt Ion: 93 Resp: 598812
Ion Ratio Lower Upper
93 100
63 70.2 48.6 88.6
95 33.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.132 ng
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 146 Resp: 689105
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 29.8 22.9 34.3

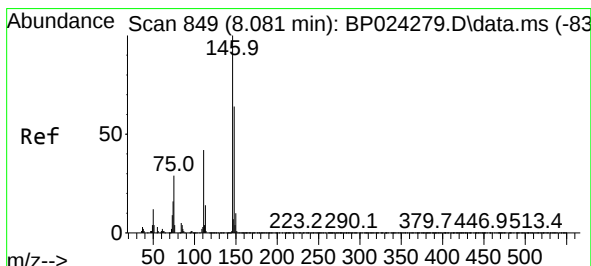
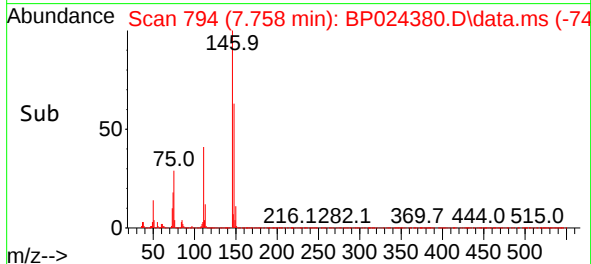
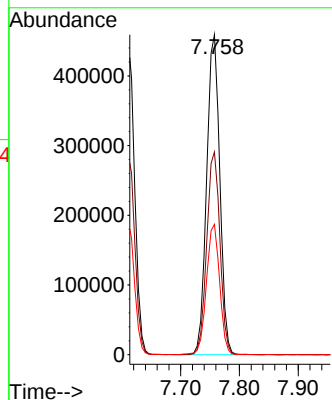
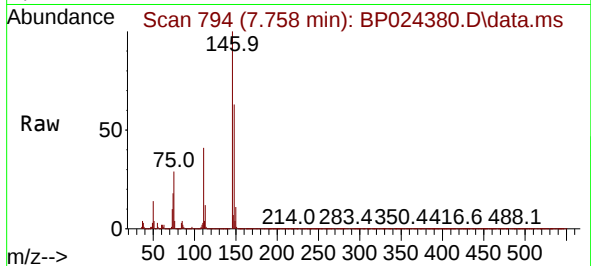




#13
1,4-Dichlorobenzene
Concen: 44.729 ng
RT: 7.758 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

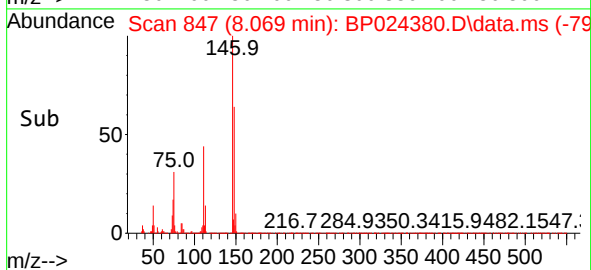
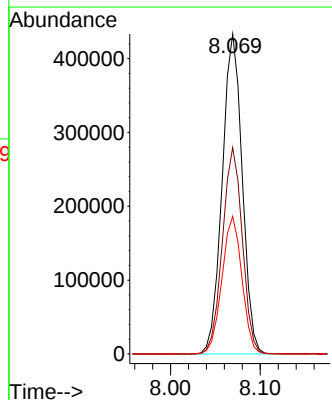
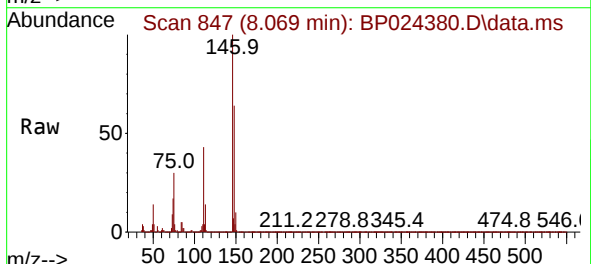
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

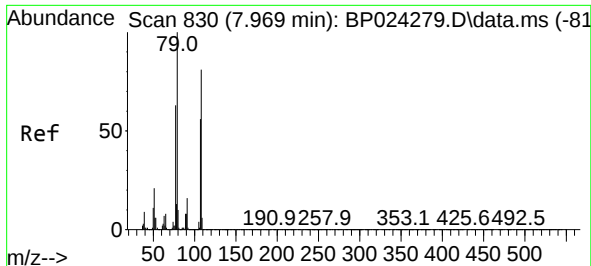
Tgt Ion:146 Resp: 708642
Ion Ratio Lower Upper
146 100
148 63.4 51.1 76.7
111 40.7 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 43.827 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:146 Resp: 670466
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
111 43.0 33.8 50.8

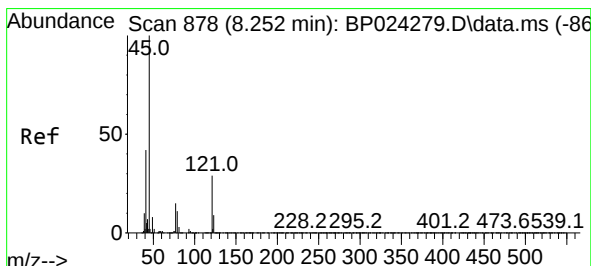
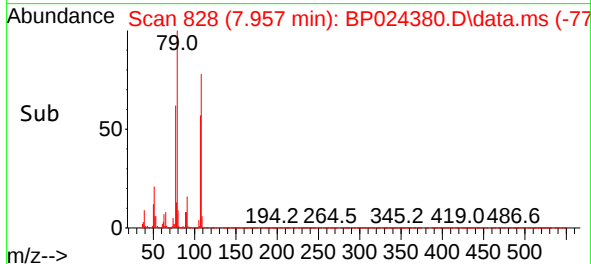
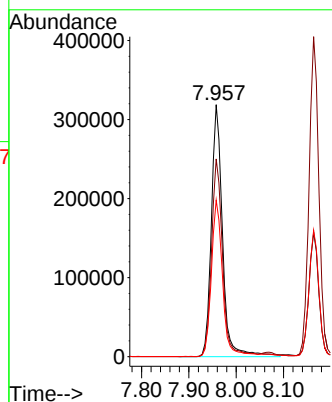
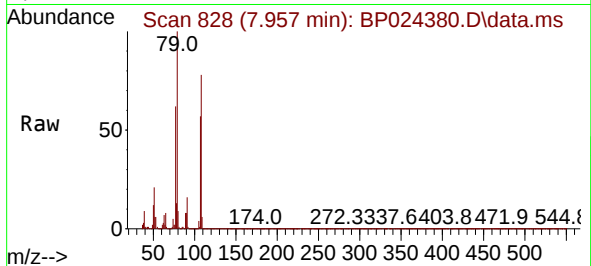




#15
Benzyl Alcohol
Concen: 45.492 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

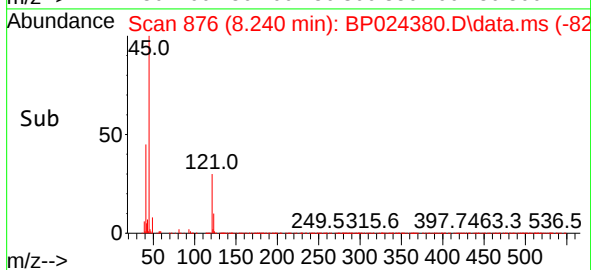
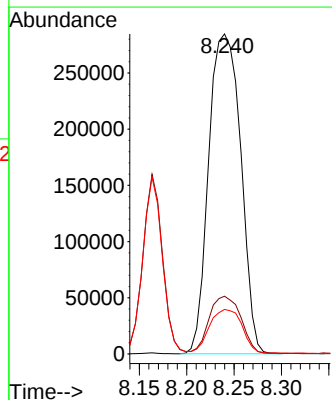
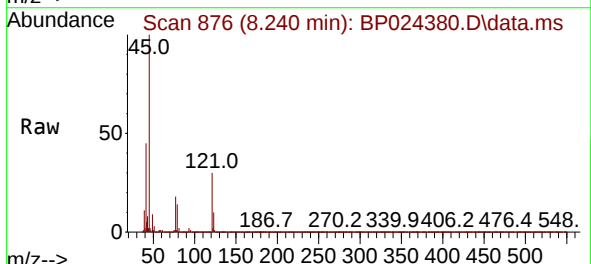
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

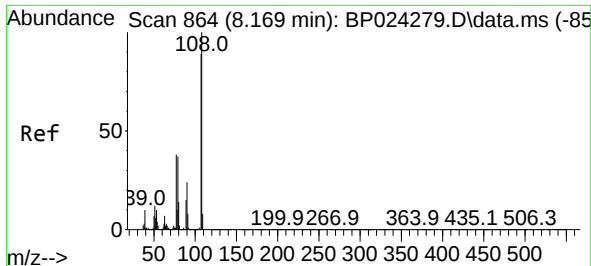
Tgt Ion: 79 Resp: 523318
Ion Ratio Lower Upper
79 100
108 78.5 65.1 97.7
77 62.2 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.107 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 45 Resp: 669886
Ion Ratio Lower Upper
45 100
77 18.1 0.0 37.7
79 13.9 0.0 33.5

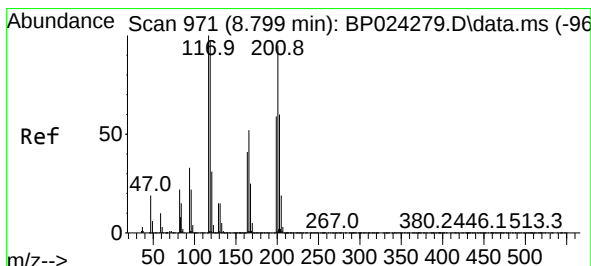
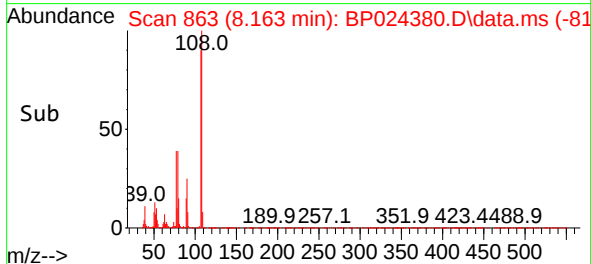
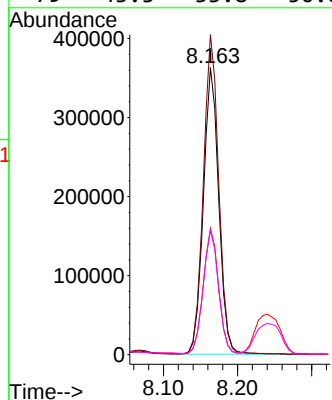
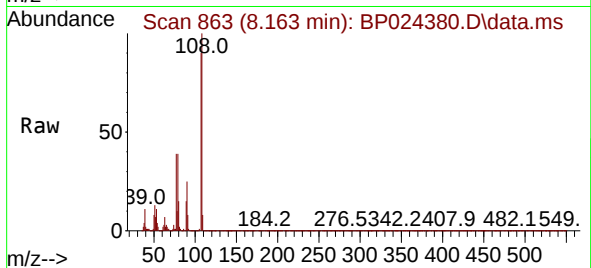




#17
2-Methylphenol
Concen: 45.191 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

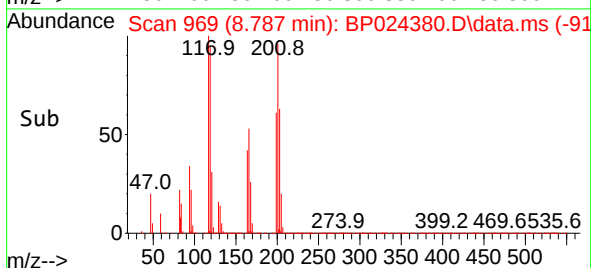
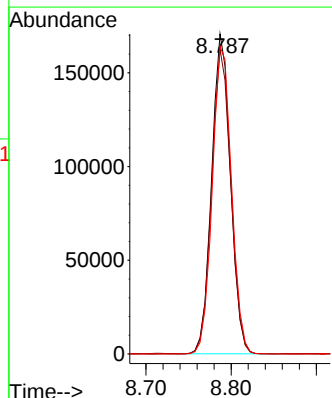
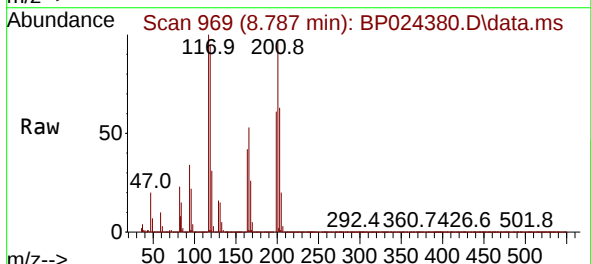
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

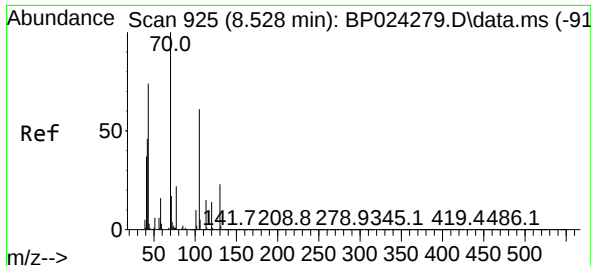
Tgt Ion:	107	Resp:	521651
Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.6
77	44.0	34.2	51.4
79	43.3	33.8	50.8



#18
Hexachloroethane
Concen: 45.935 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:	117	Resp:	263001
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.8	116.6
201	96.1	75.9	113.9

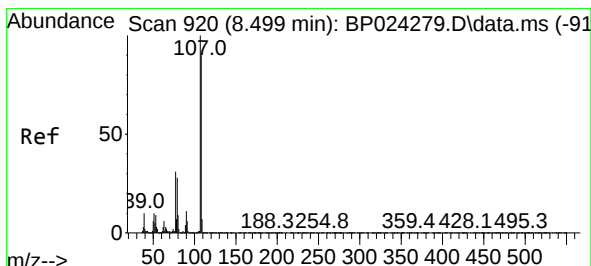
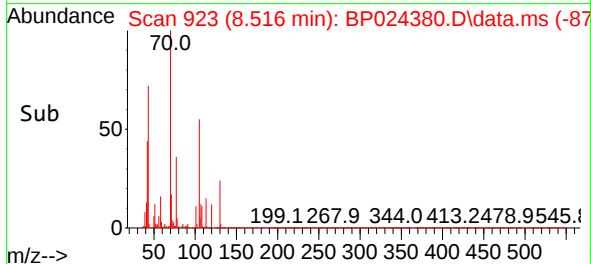
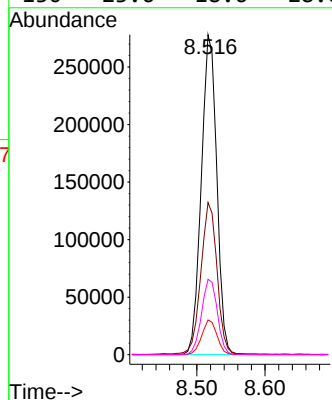
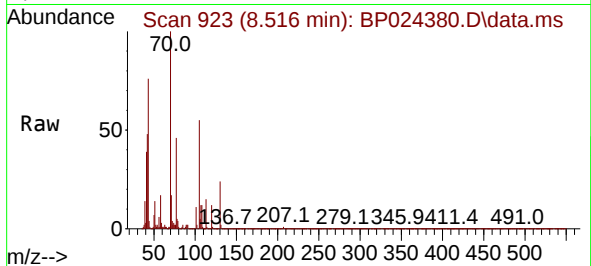




#19
n-Nitroso-di-n-propylamine
Concen: 39.776 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

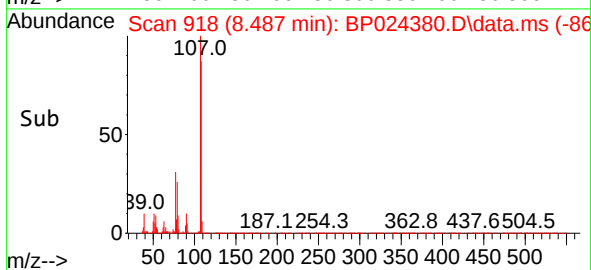
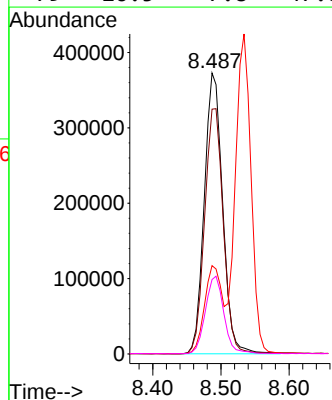
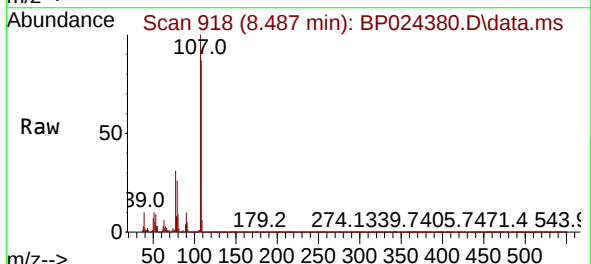
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

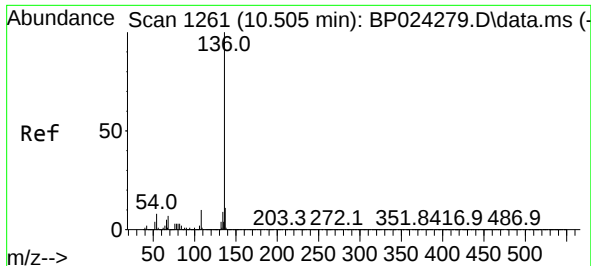
Tgt Ion: 70 Resp: 437722
Ion Ratio Lower Upper
70 100
42 47.6 37.3 55.9
101 10.8 8.2 12.4
130 23.6 18.6 28.0



#20
3+4-Methylphenols
Concen: 43.591 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 107 Resp: 698186
Ion Ratio Lower Upper
107 100
108 87.1 69.8 109.8
77 31.5 11.5 51.5
79 26.5 7.8 47.8

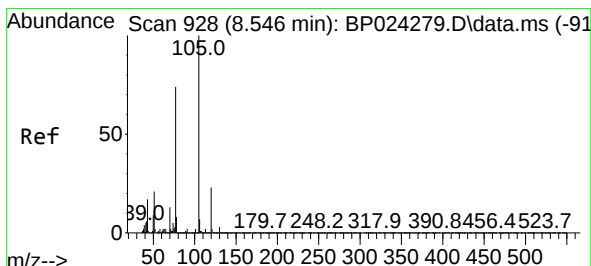
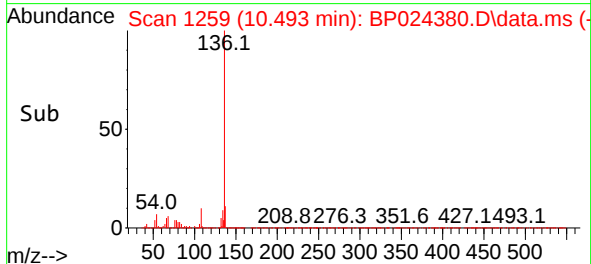
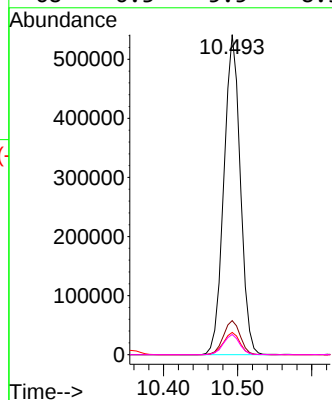
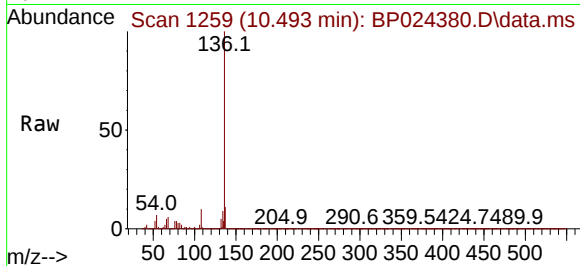




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

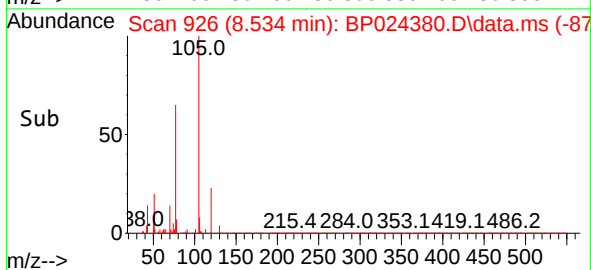
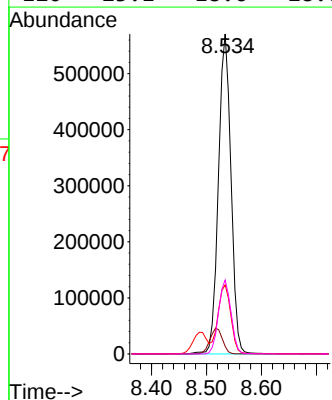
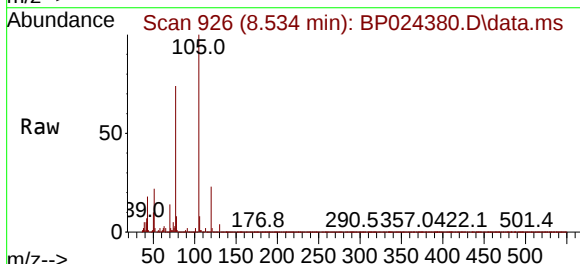
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

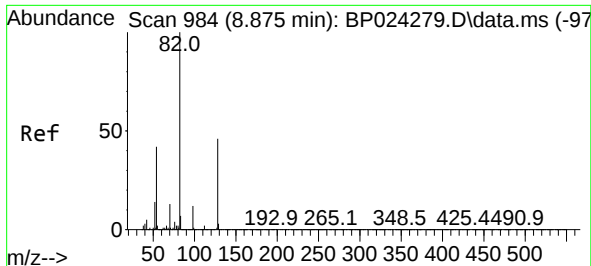
Tgt Ion:	136	Resp:	834096
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.9	6.0	9.0
68	6.3	5.5	8.3



#22
Acetophenone
Concen: 43.862 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:	105	Resp:	905501
Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.7	2.5
51	21.6	16.9	25.3
120	23.1	18.6	28.0

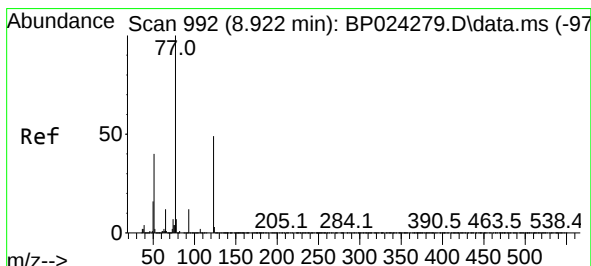
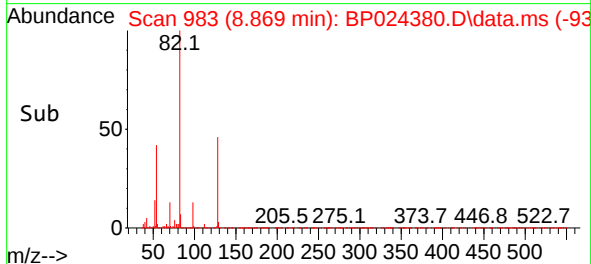
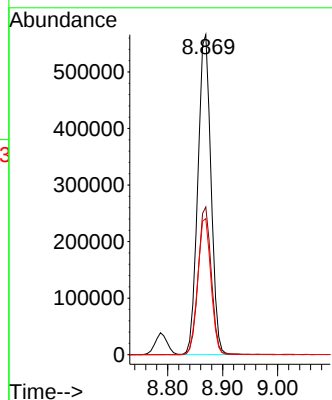
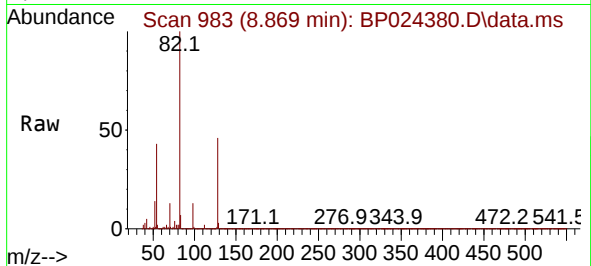




#23
Nitrobenzene-d5
Concen: 64.016 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

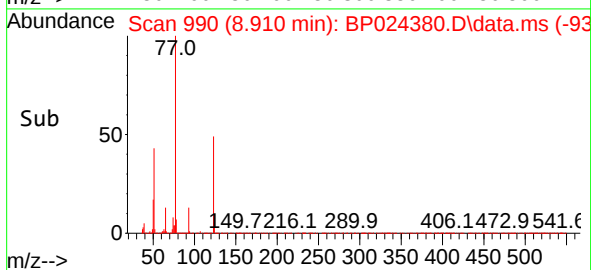
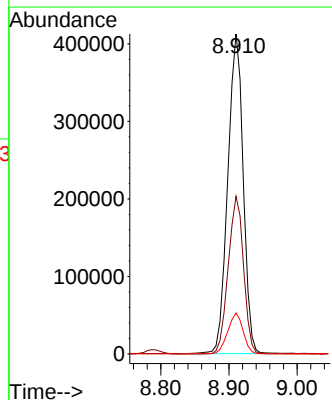
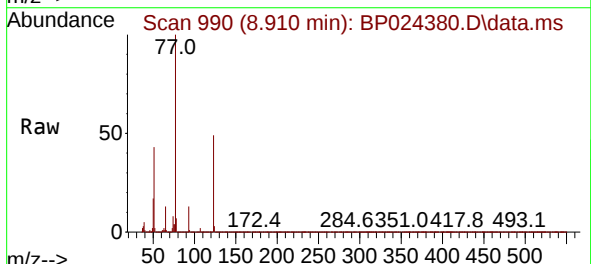
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

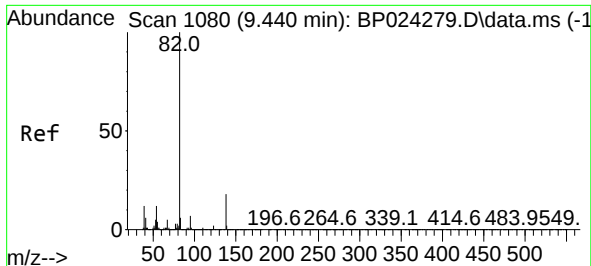
Tgt Ion: 82 Resp: 936419
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 42.5 33.4 50.2



#24
Nitrobenzene
Concen: 44.946 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 77 Resp: 650401
Ion Ratio Lower Upper
77 100
123 49.2 39.2 58.8
65 12.8 9.8 14.6

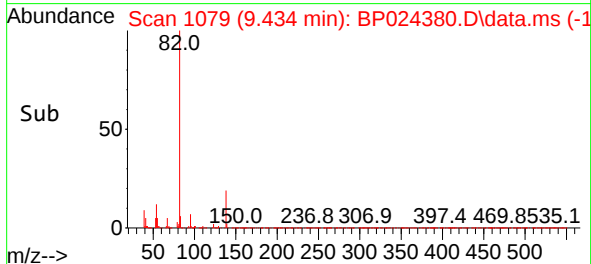
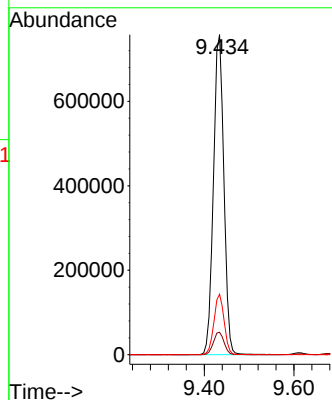
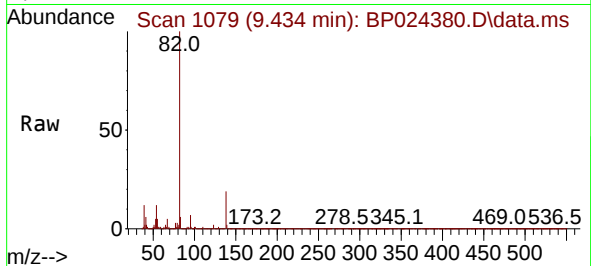




#25
Isophorone
Concen: 46.063 ng
RT: 9.434 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

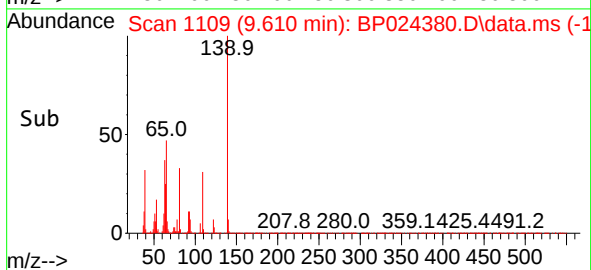
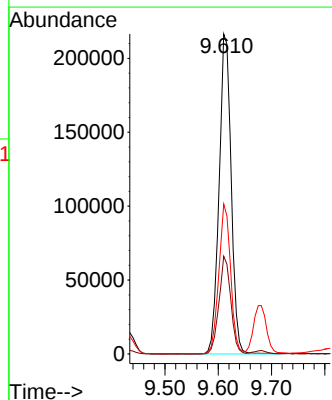
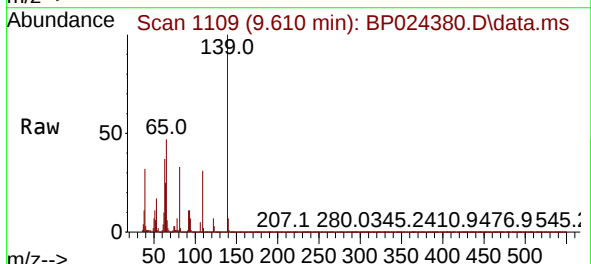
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

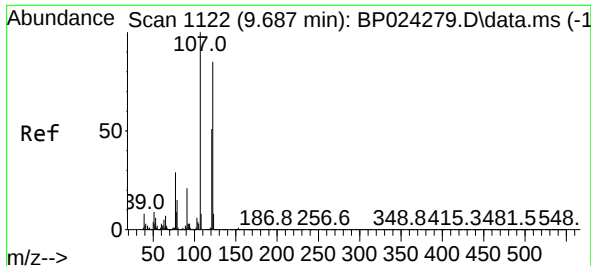
Tgt Ion: 82 Resp: 1219622
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 18.9 14.4 21.6



#26
2-Nitrophenol
Concen: 47.957 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 139 Resp: 339609
Ion Ratio Lower Upper
139 100
109 30.6 21.8 32.6
65 46.9 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 65.668 ng

RT: 9.681 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

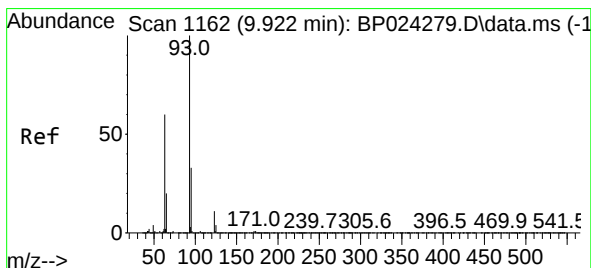
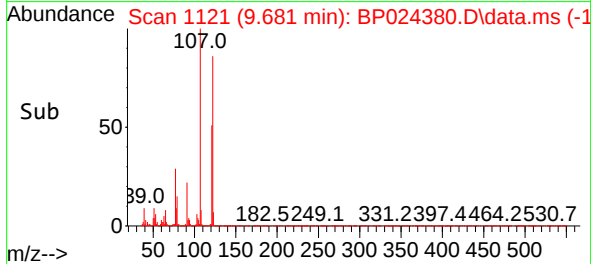
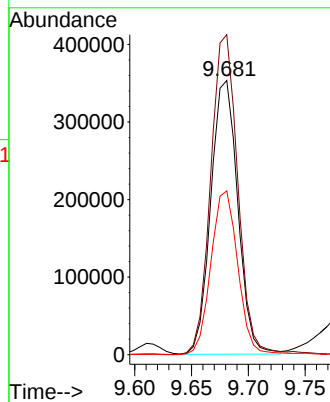
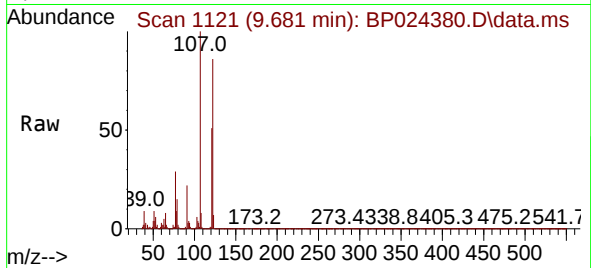
Tgt Ion:122 Resp: 583905

Ion Ratio Lower Upper

122 100

107 116.7 93.7 140.5

121 59.7 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 43.465 ng

RT: 9.904 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

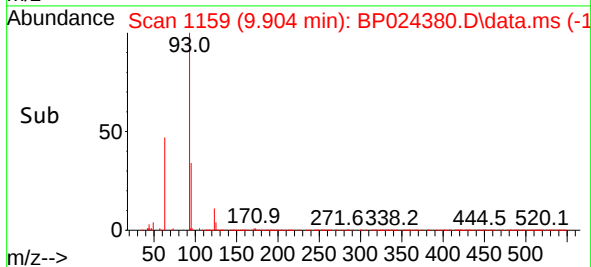
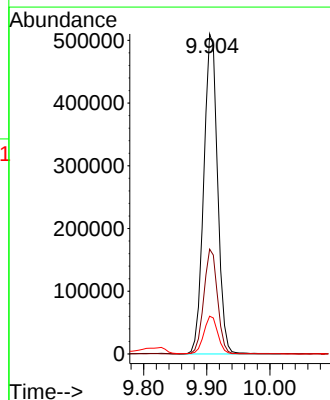
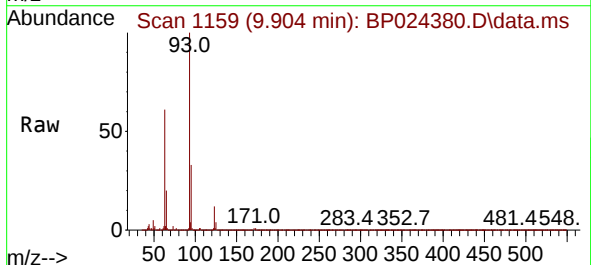
Tgt Ion: 93 Resp: 777443

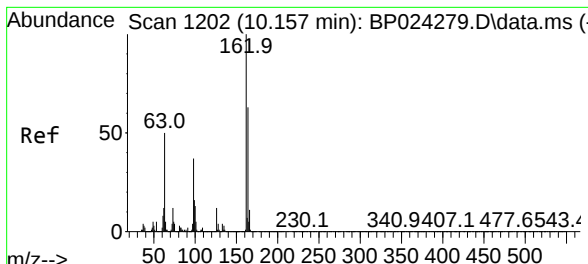
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.8 9.1 13.7

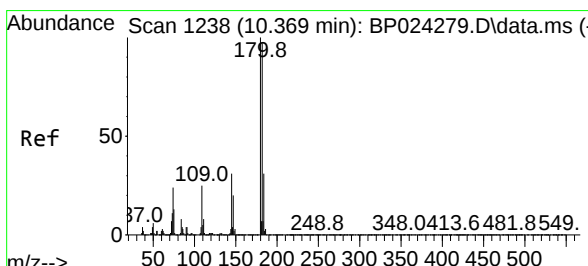
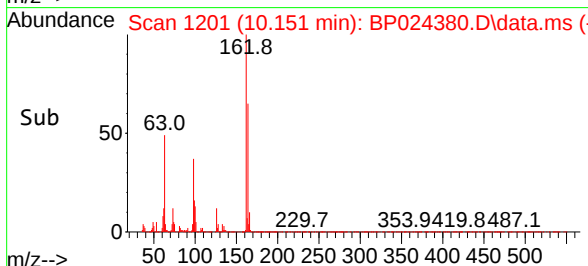
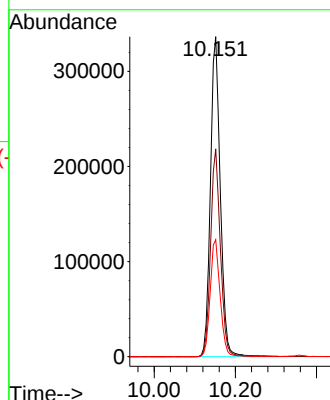
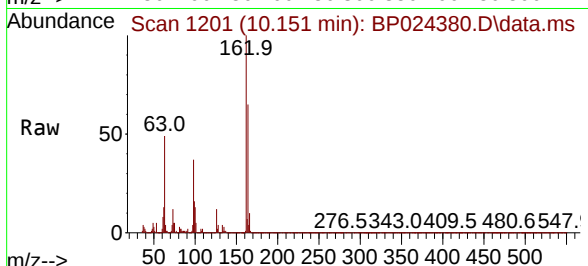




#29
2,4-Dichlorophenol
Concen: 46.664 ng
RT: 10.151 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

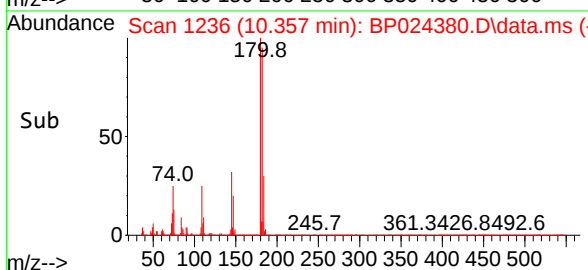
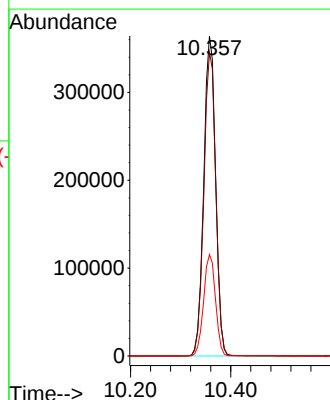
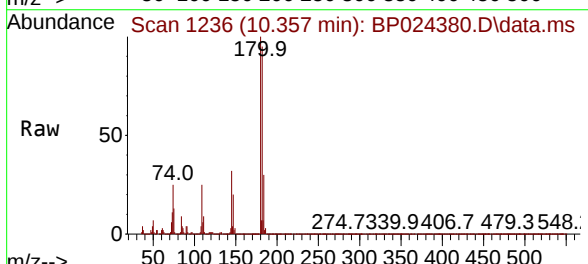
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

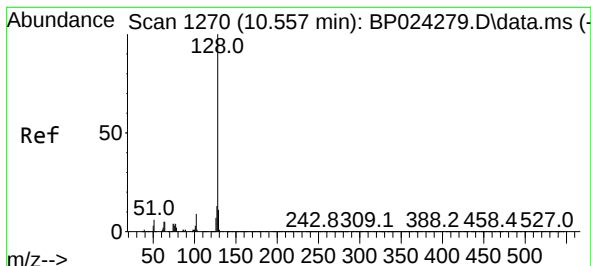
Tgt Ion:	162	Resp:	565751
Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.3	83.3
98	36.6	16.6	56.6



#30
1,2,4-Trichlorobenzene
Concen: 45.959 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:	180	Resp:	596996
Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.3	115.9
145	31.7	25.1	37.7





#31

Naphthalene

Concen: 42.429 ng

RT: 10.540 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

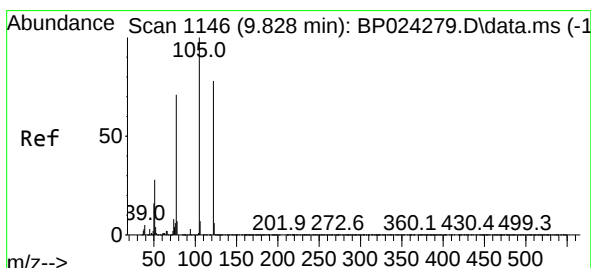
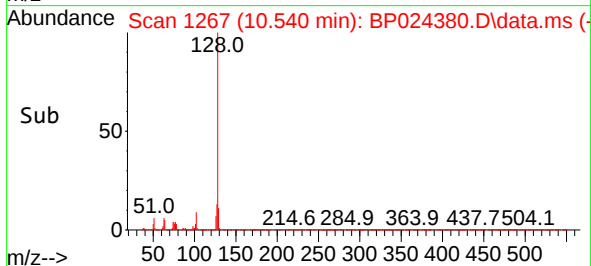
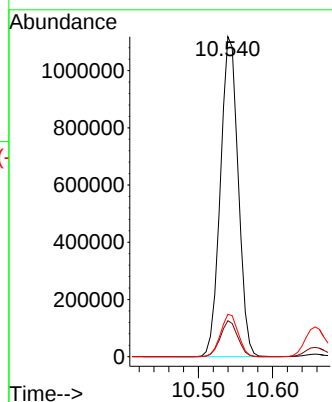
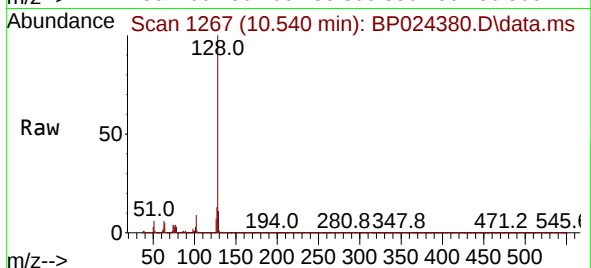
Tgt Ion:128 Resp: 1864201

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.3 10.3 15.5



#32

Benzoic acid

Concen: 43.652 ng

RT: 9.828 min Scan# 1146

Delta R.T. 0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

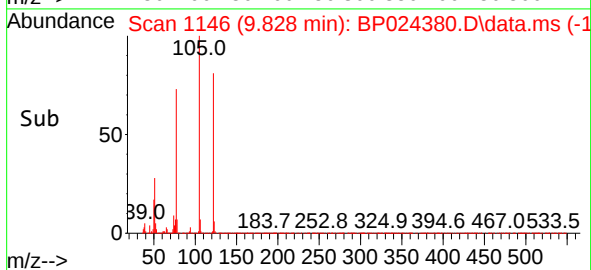
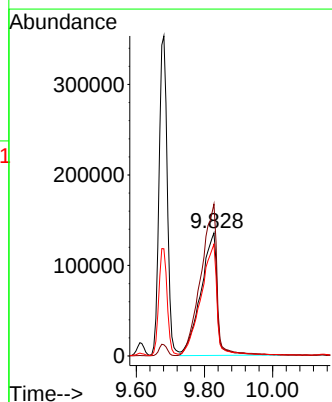
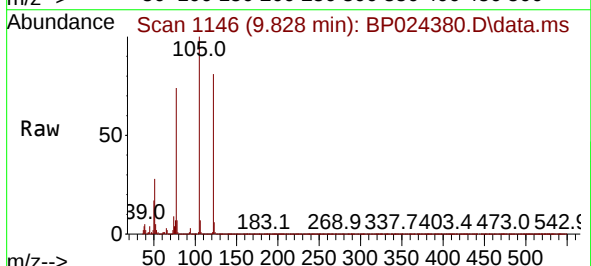
Tgt Ion:122 Resp: 452272

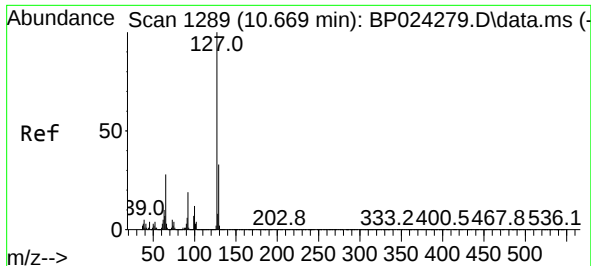
Ion Ratio Lower Upper

122 100

105 123.5 104.8 144.8

77 90.8 69.2 109.2

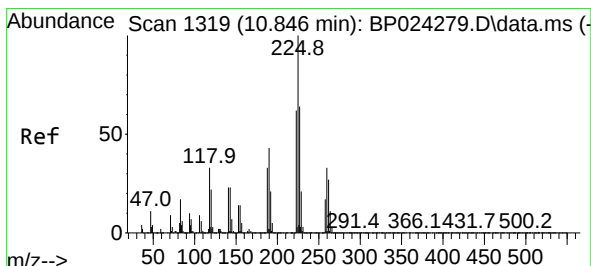
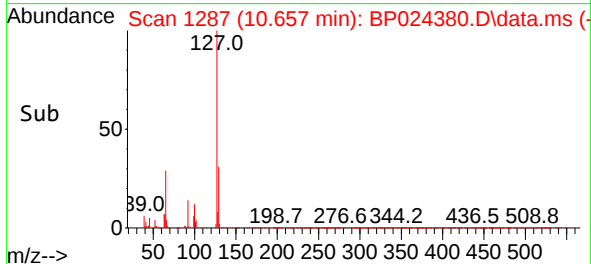
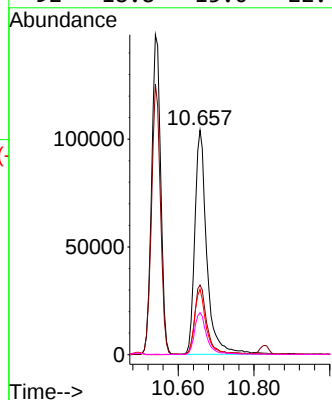
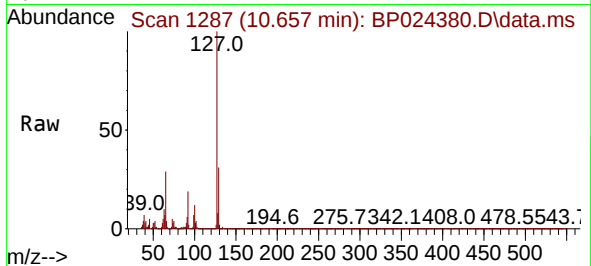




#33
4-Chloroaniline
Concen: 14.888 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

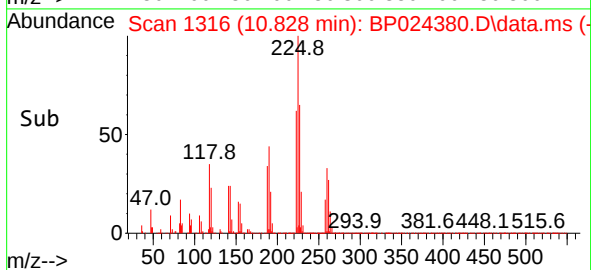
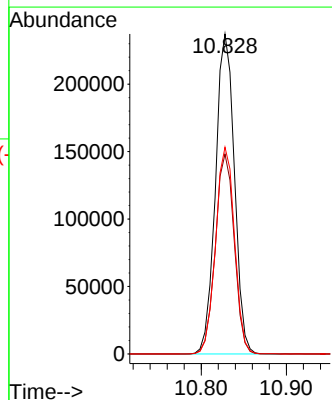
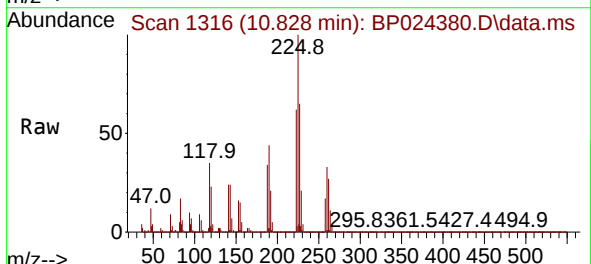
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

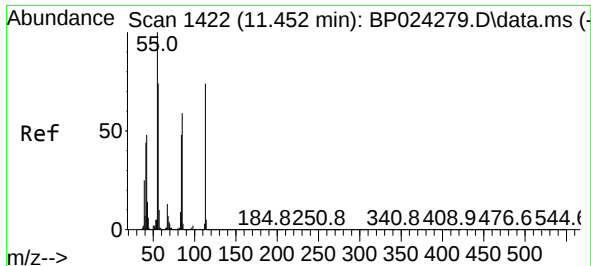
Tgt Ion:	127	Resp:	230355
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.1	39.1
65	29.0	22.1	33.1
92	18.8	15.0	22.4



#34
Hexachlorobutadiene
Concen: 47.896 ng
RT: 10.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:	225	Resp:	365602
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.5	74.3
227	64.6	50.9	76.3

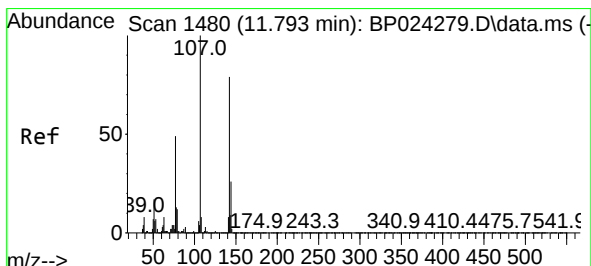
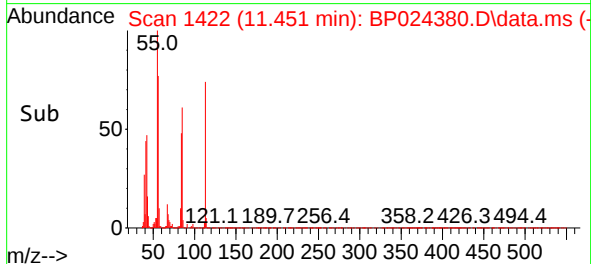
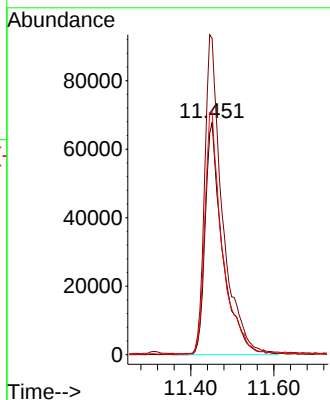
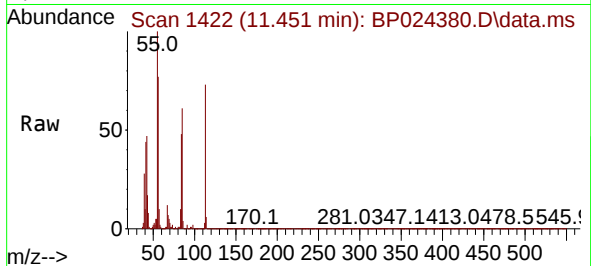




#35
Caprolactam
Concen: 44.256 ng
RT: 11.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

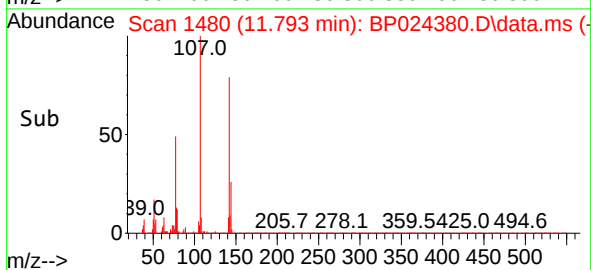
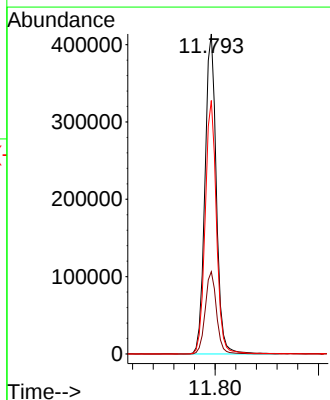
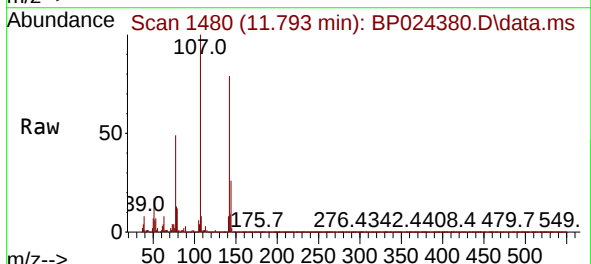
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

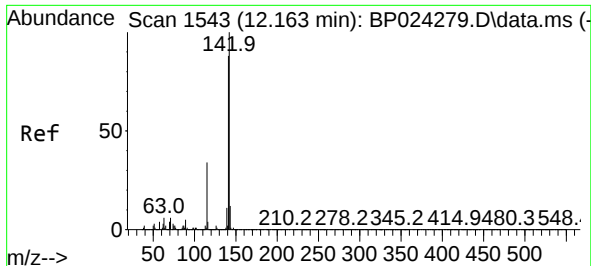
Tgt Ion	Ratio	Lower	Upper
113	100		
55	136.3	115.9	155.9
56	104.8	81.1	121.1



#36
4-Chloro-3-methylphenol
Concen: 44.532 ng
RT: 11.793 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	79.2	63.4	95.2

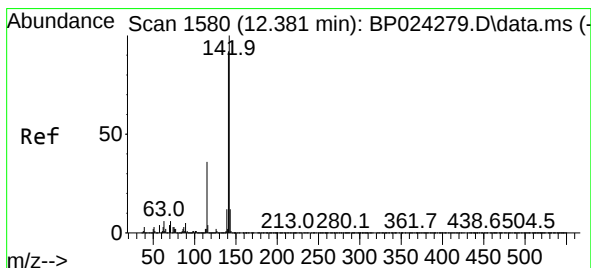
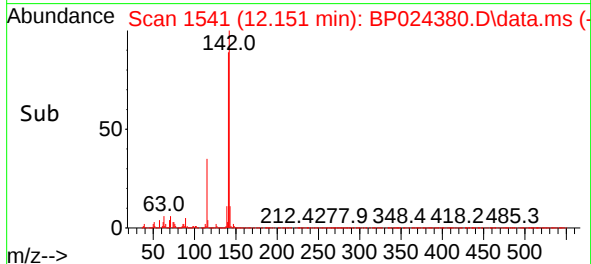
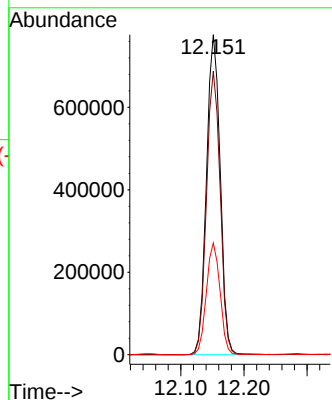
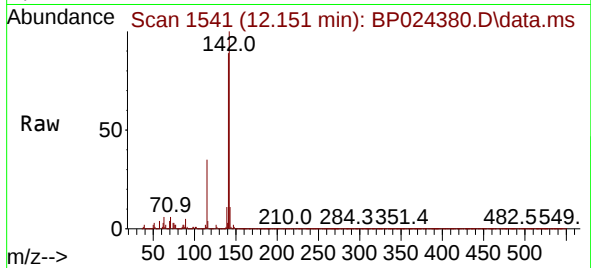




#37
2-Methylnaphthalene
Concen: 38.331 ng
RT: 12.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

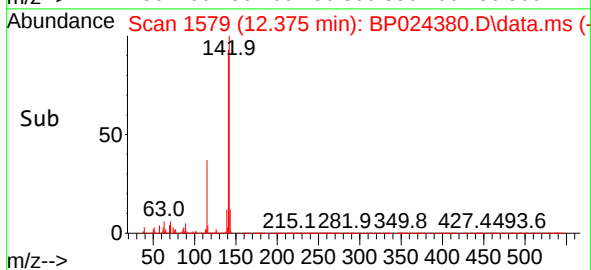
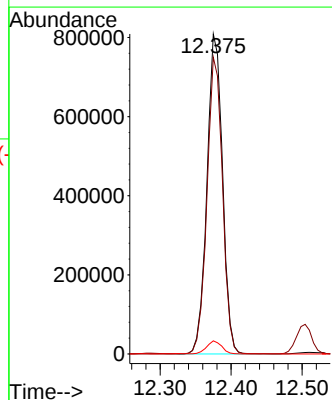
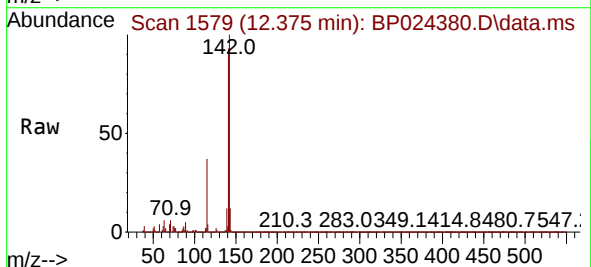
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

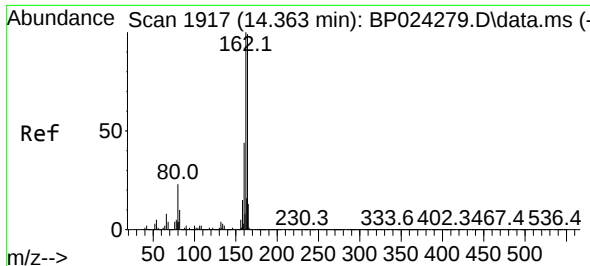
Tgt Ion:142 Resp: 1168003
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5
115 34.9 26.9 40.3



#38
1-Methylnaphthalene
Concen: 41.381 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:142 Resp: 1233545
Ion Ratio Lower Upper
142 100
141 92.7 73.6 110.4
116 4.1 3.0 4.6

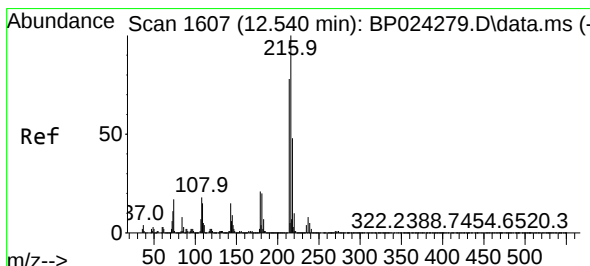
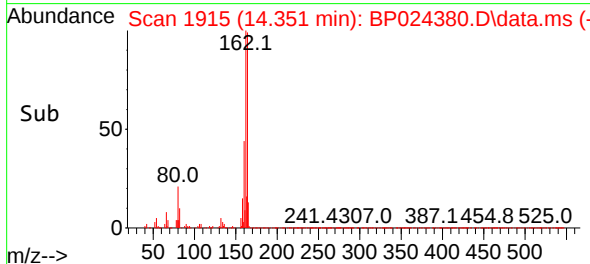
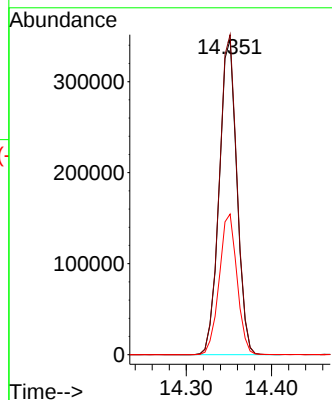
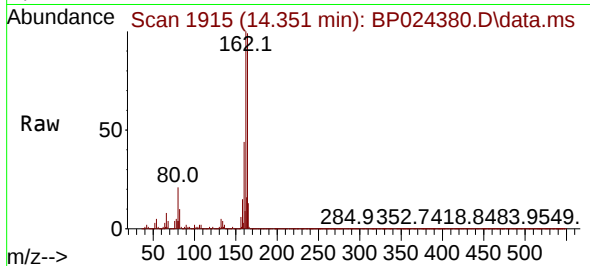




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

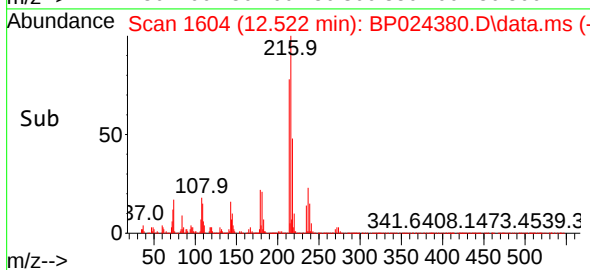
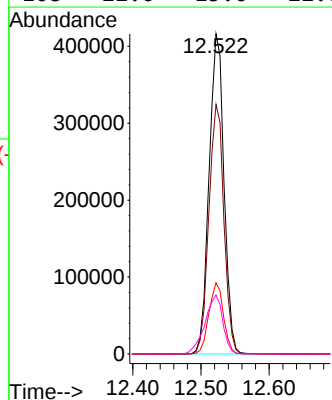
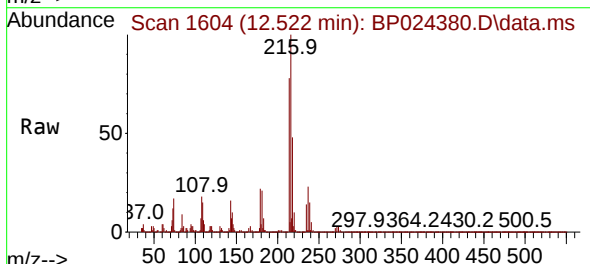
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

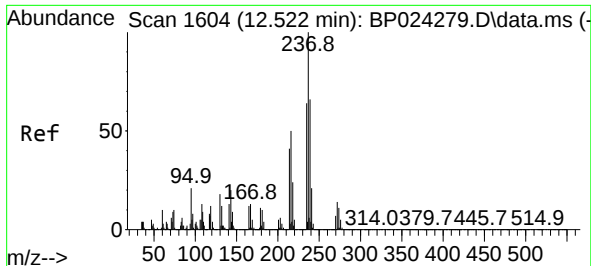
Tgt Ion:164 Resp: 496341
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 44.6 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.415 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:216 Resp: 633534
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 21.8 17.2 25.8
108 22.0 15.0 22.6

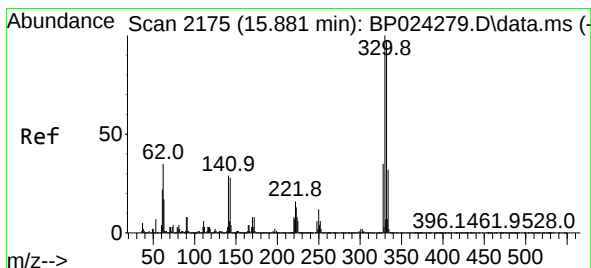
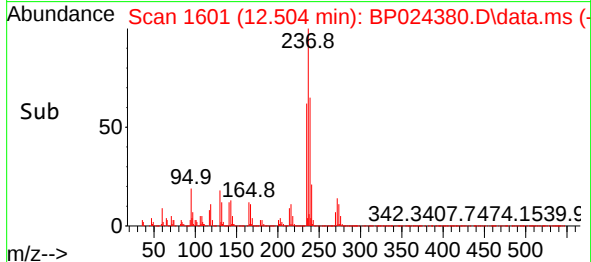
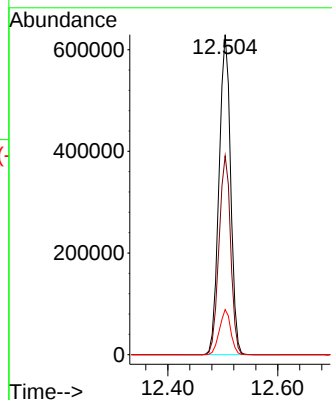
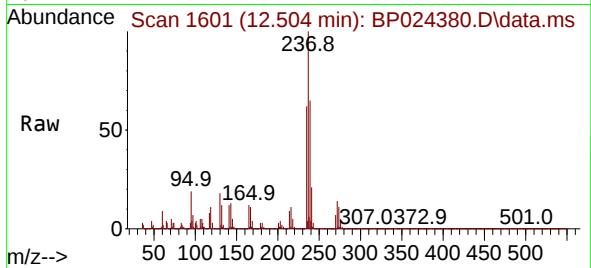




#41
Hexachlorocyclopentadiene
Concen: 190.323 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

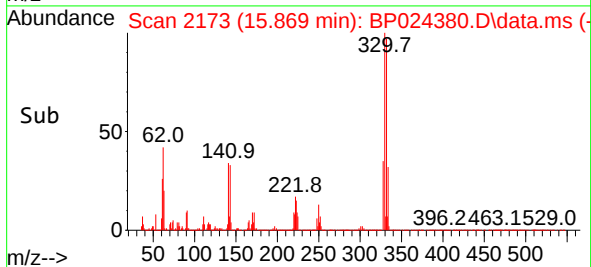
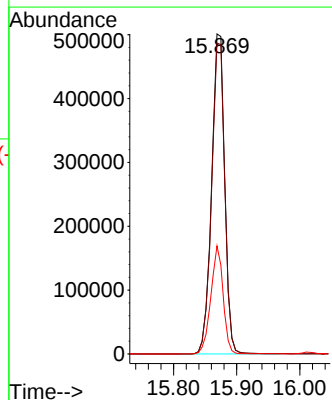
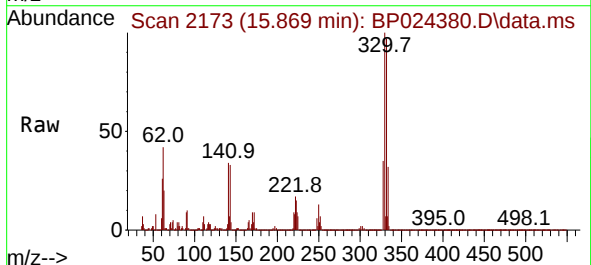
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

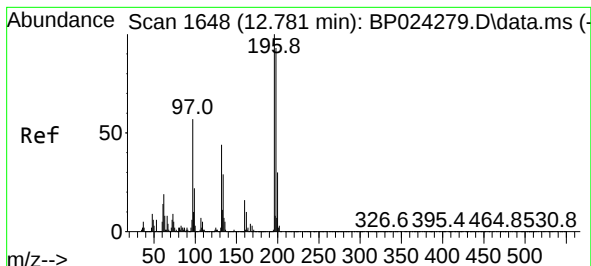
Tgt Ion:237 Resp: 918772
Ion Ratio Lower Upper
237 100
235 62.1 43.9 83.9
272 14.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 104.885 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:330 Resp: 720259
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 31.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.208 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

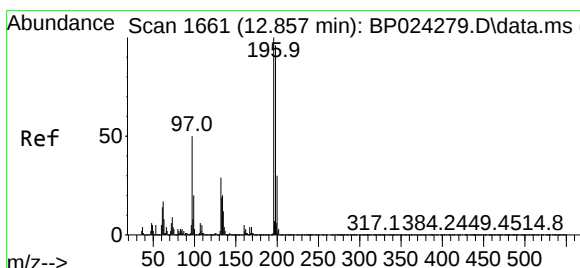
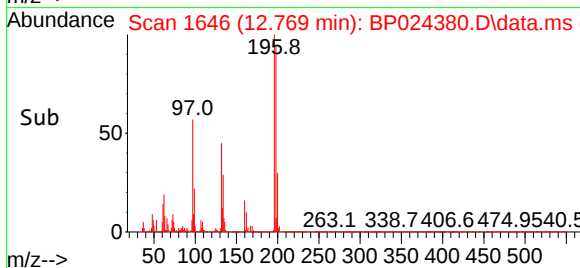
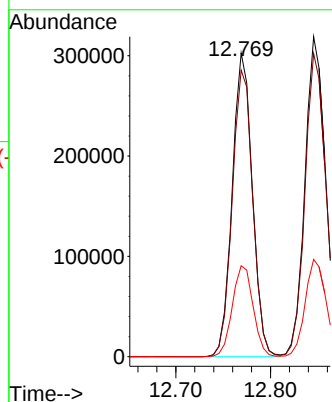
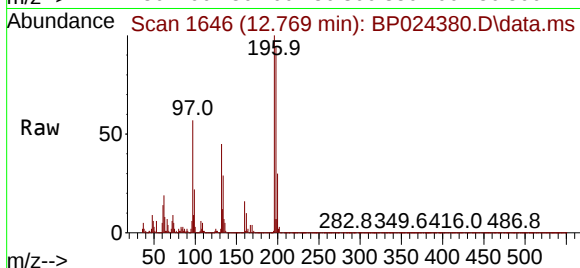
Tgt Ion:196 Resp: 446560

Ion Ratio Lower Upper

196 100

198 94.3 74.3 111.5

200 29.9 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.261 ng

RT: 12.845 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Tgt Ion:196 Resp: 495034

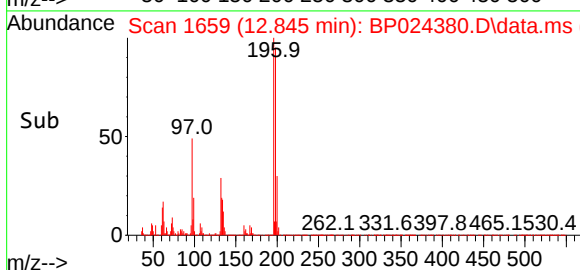
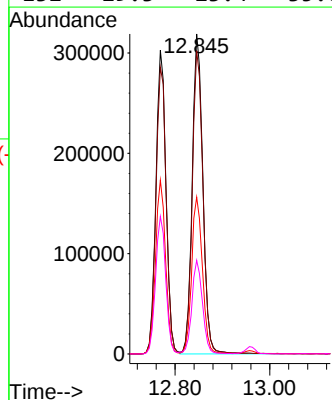
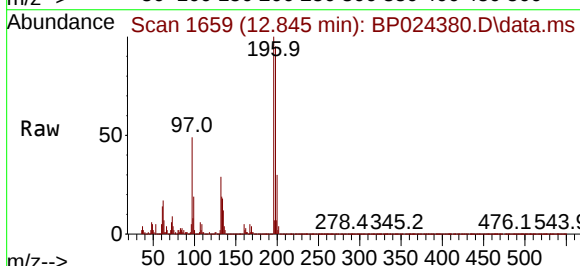
Ion Ratio Lower Upper

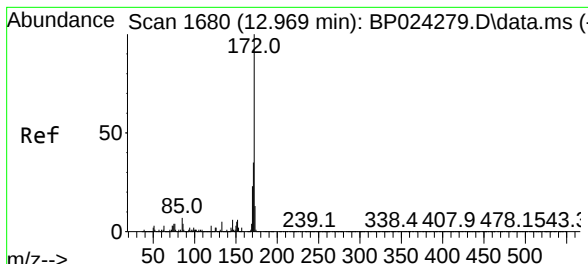
196 100

198 94.8 77.3 115.9

97 49.0 40.4 60.6

132 29.3 23.4 35.0

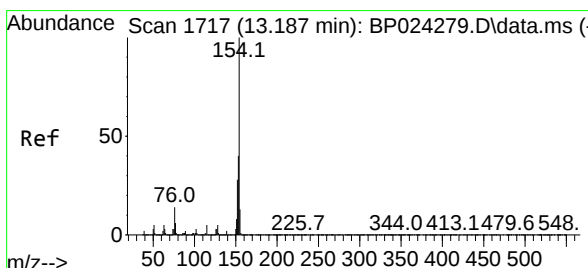
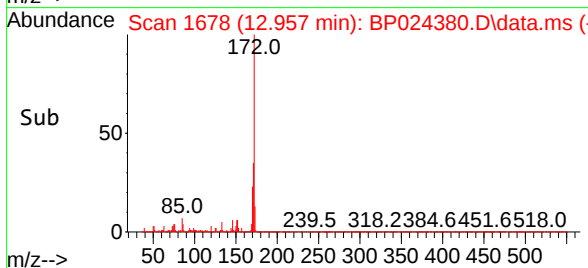
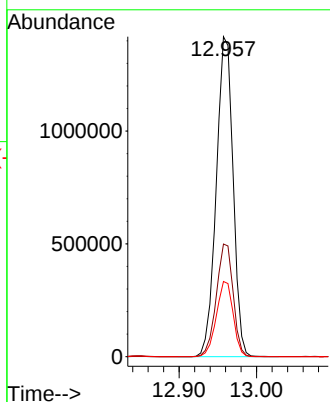
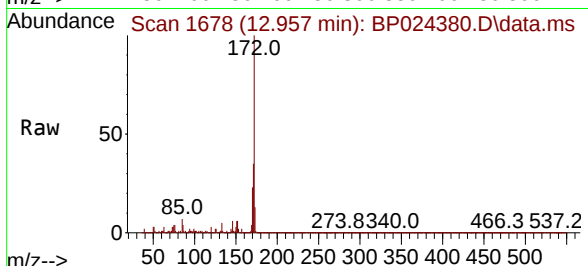




#45
2-Fluorobiphenyl
Concen: 66.171 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

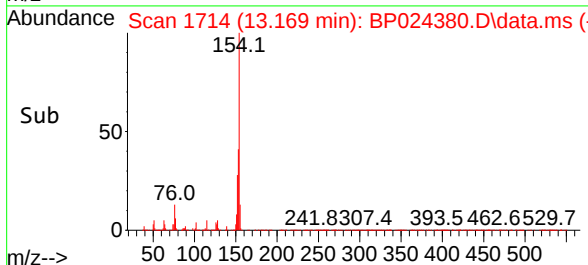
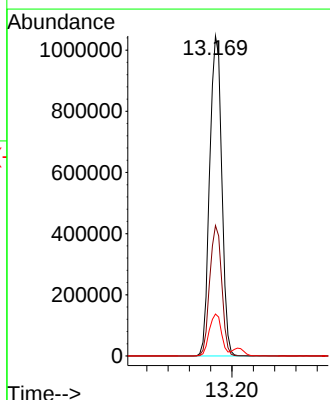
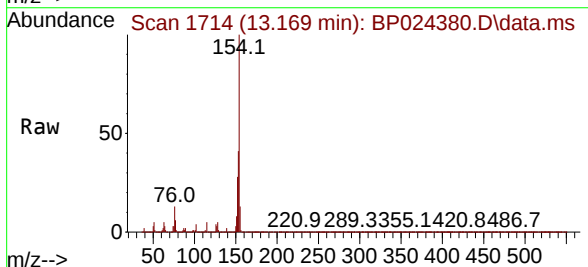
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

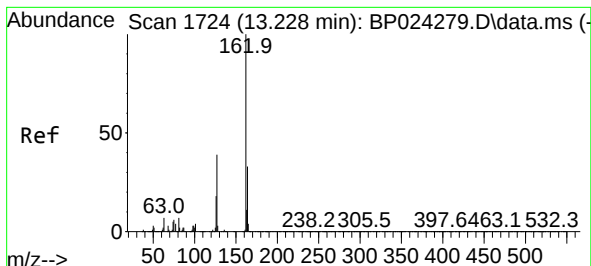
Tgt Ion:172 Resp: 2145075
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 45.050 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:154 Resp: 1643579
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.1 0.0 33.5





#47

2-Chloronaphthalene

Concen: 45.760 ng

RT: 13.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

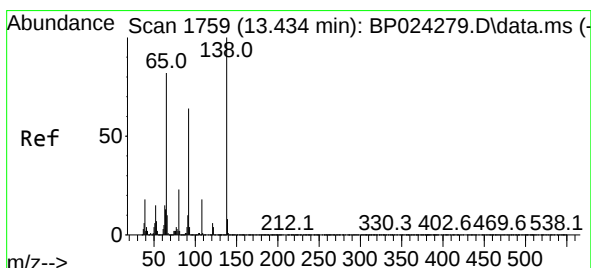
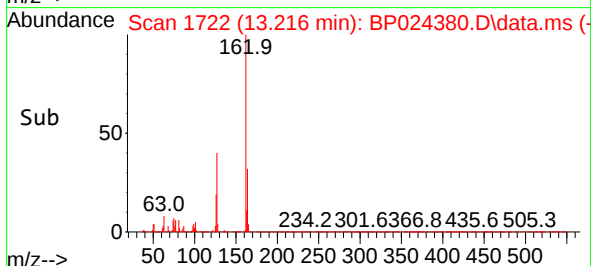
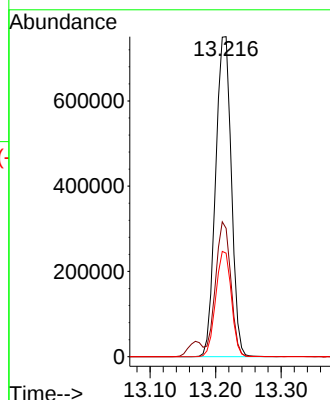
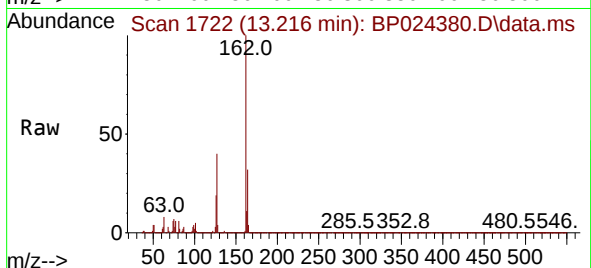
Tgt Ion:162 Resp: 1247752

Ion Ratio Lower Upper

162 100

127 40.1 31.9 47.9

164 32.4 26.2 39.4



#48

2-Nitroaniline

Concen: 49.479 ng

RT: 13.422 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

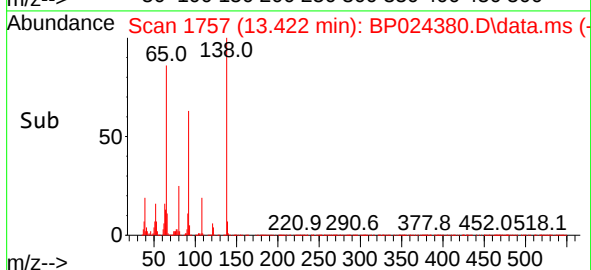
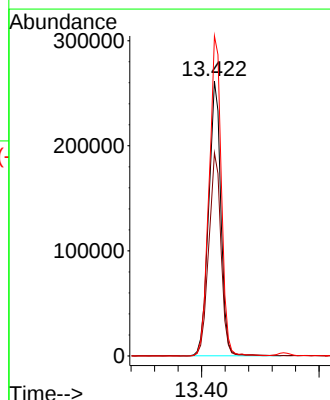
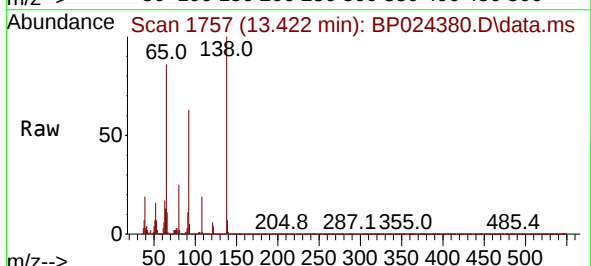
Tgt Ion: 65 Resp: 378448

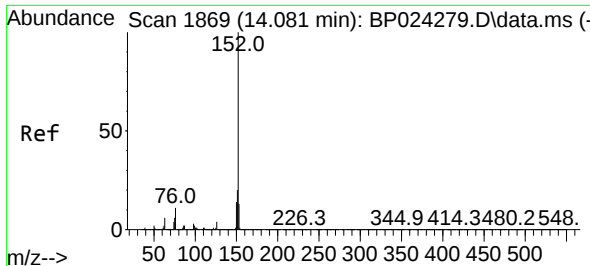
Ion Ratio Lower Upper

65 100

92 73.9 62.3 93.5

138 116.5 97.2 145.8

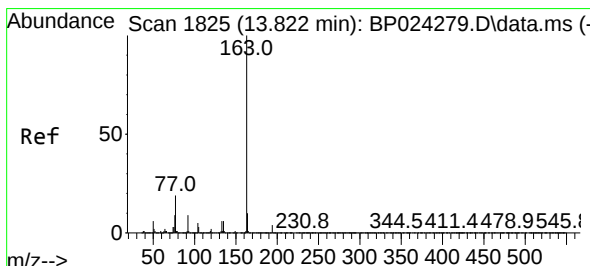
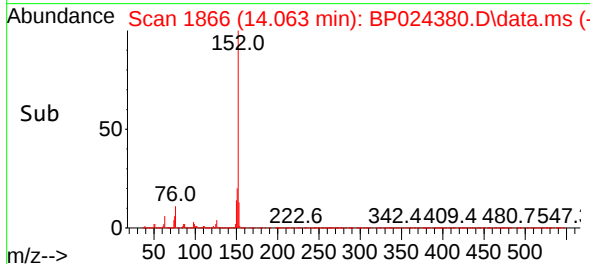
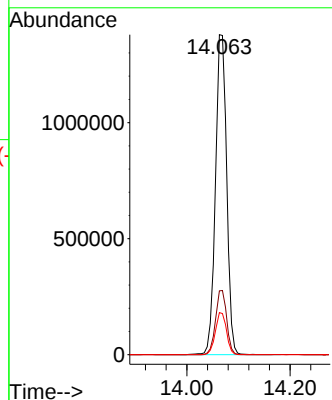
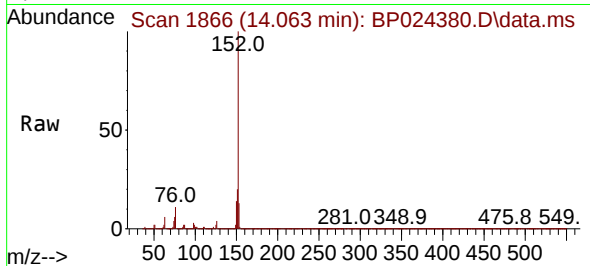




#49
Acenaphthylene
Concen: 48.340 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

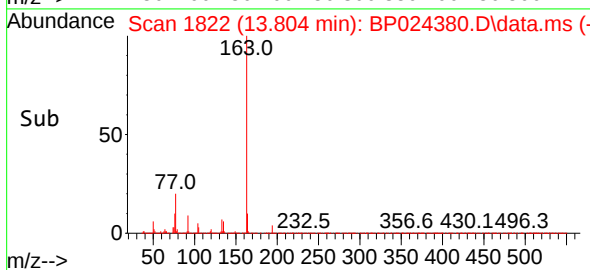
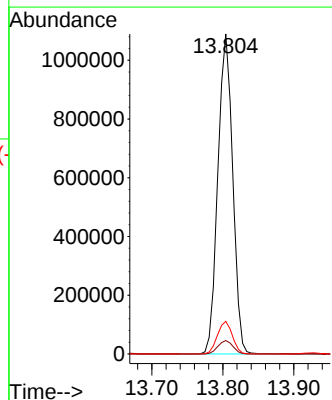
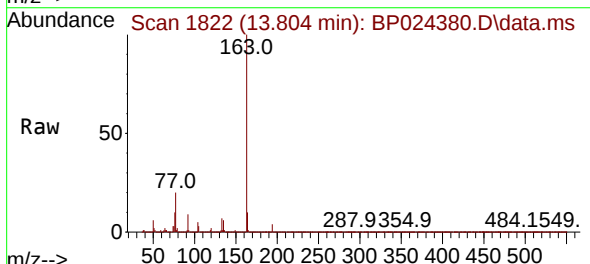
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

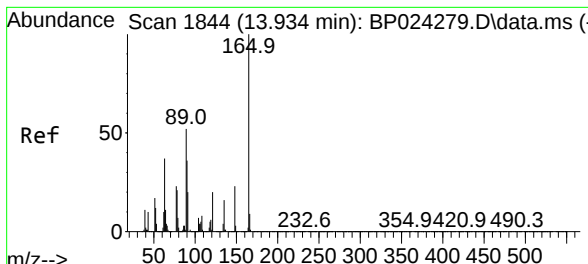
Tgt Ion:152 Resp: 2075269
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 43.605 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:163 Resp: 1573926
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 8.0 12.0



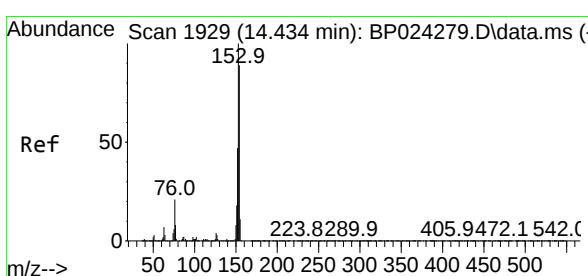
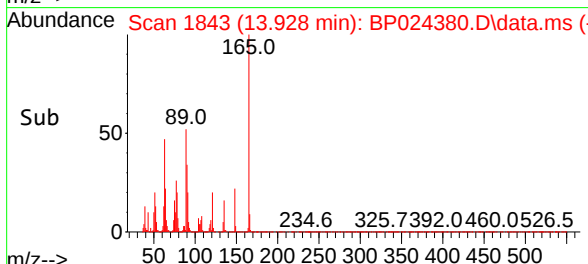
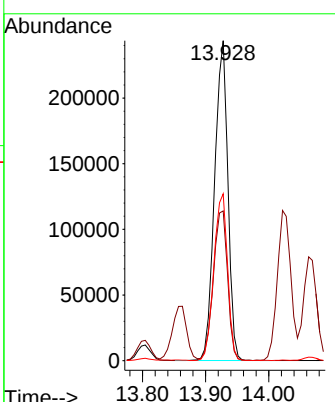
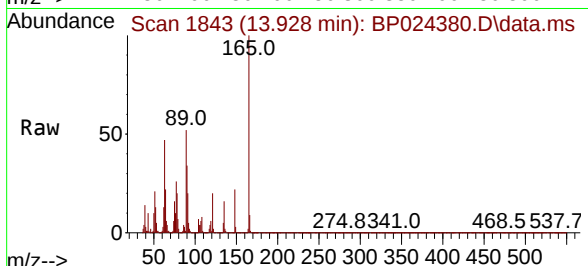


#51
 2,6-Dinitrotoluene
 Concen: 46.420 ng
 RT: 13.928 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BP024380.D
 Acq: 22 Apr 2025 16:03

Instrument : BNA_P
 ClientSampleId : PL-714-COMP-10MSD

Tgt Ion:165 Resp: 355794

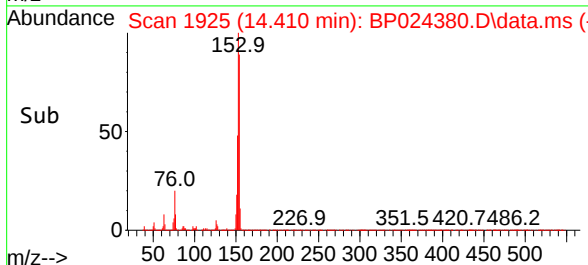
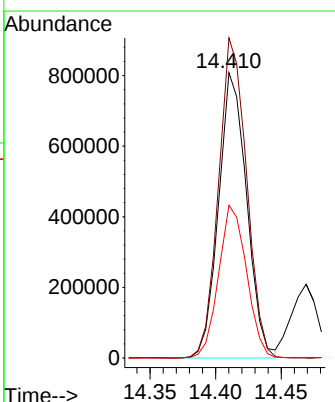
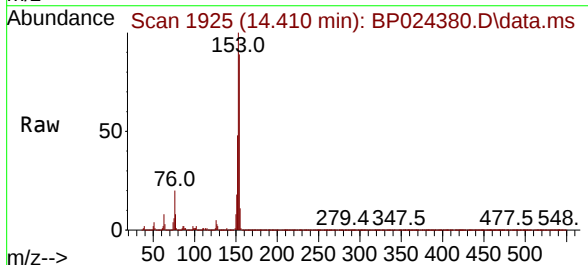
Ion	Ratio	Lower	Upper
165	100		
63	46.8	38.0	57.0
89	52.2	41.7	62.5

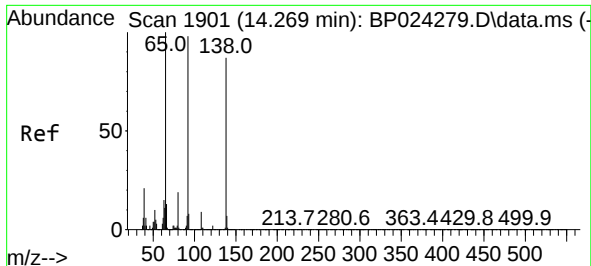


#52
 Acenaphthene
 Concen: 44.180 ng
 RT: 14.410 min Scan# 1925
 Delta R.T. -0.012 min
 Lab File: BP024380.D
 Acq: 22 Apr 2025 16:03

Tgt Ion:154 Resp: 1202431

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.8	134.6
152	53.5	42.6	63.8

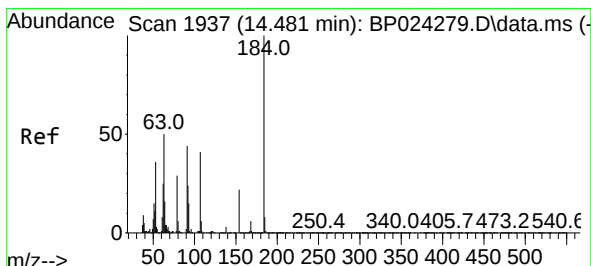
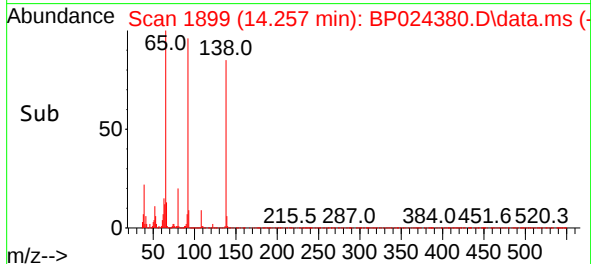
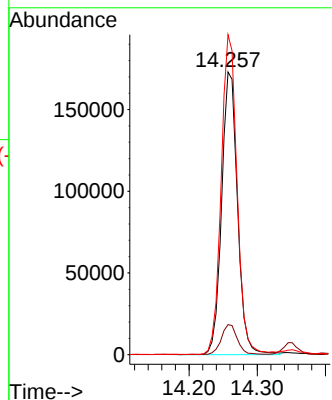
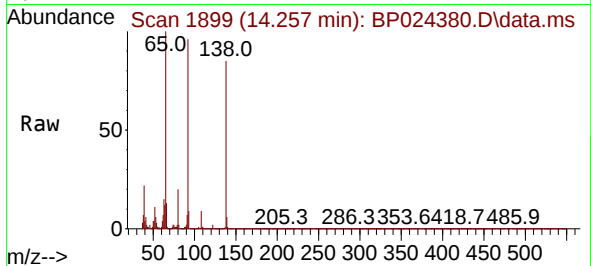




#53
3-Nitroaniline
Concen: 34.820 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

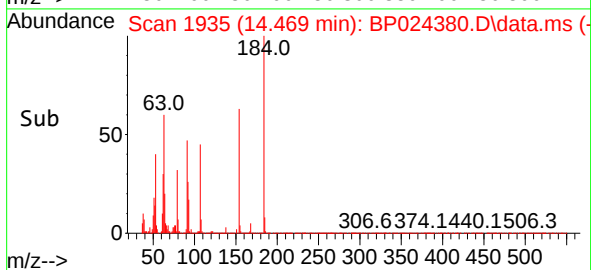
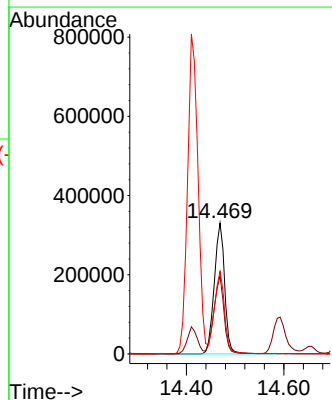
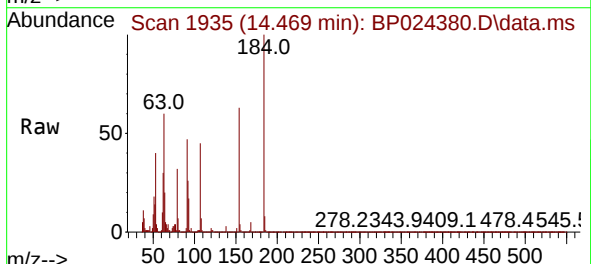
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

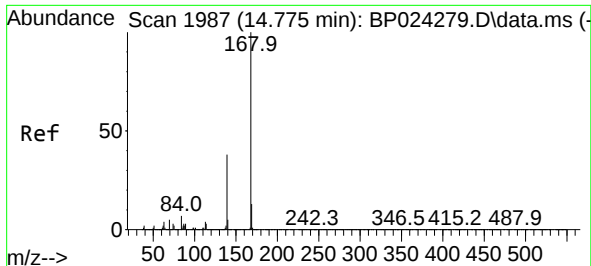
Tgt Ion:138 Resp: 280502
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 113.2 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 108.669 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:184 Resp: 490624
Ion Ratio Lower Upper
184 100
63 59.6 42.6 64.0
154 63.3 47.2 70.8

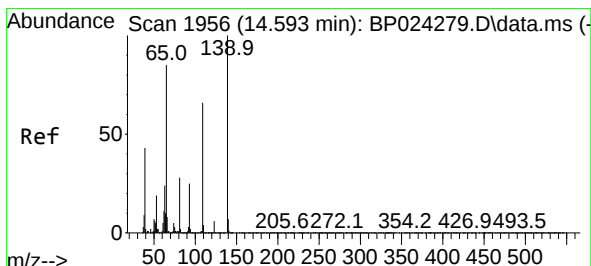
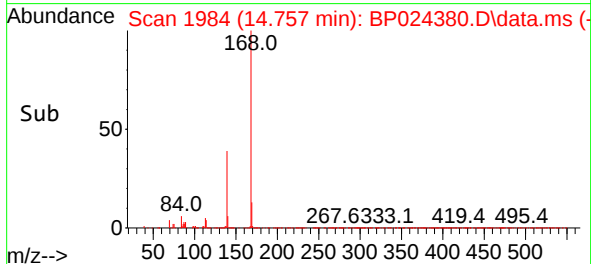
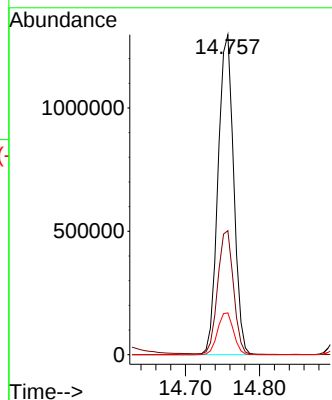
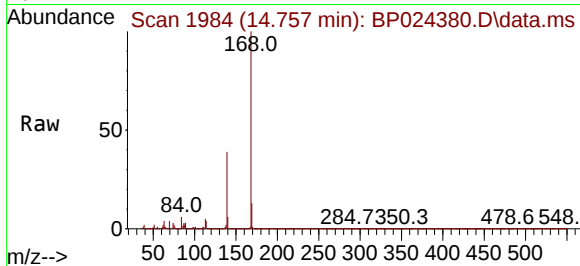




#55
Dibenzenofuran
Concen: 42.579 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

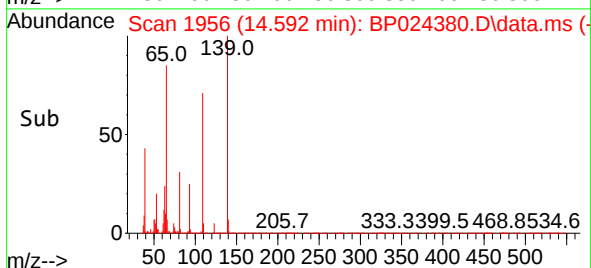
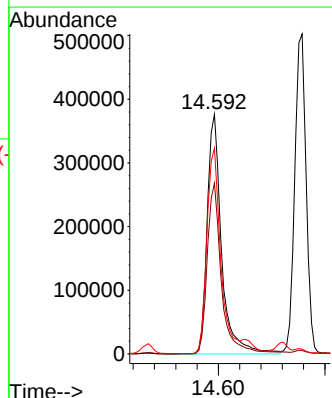
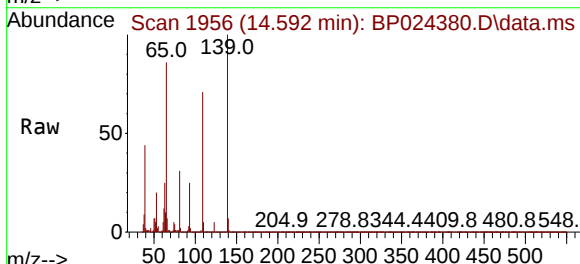
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

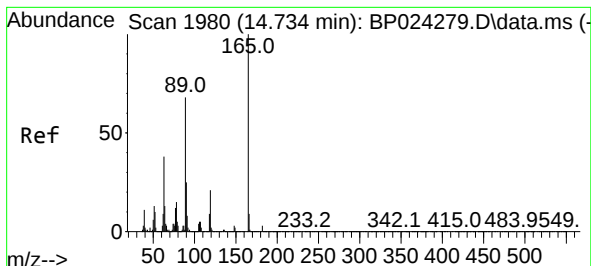
Tgt Ion:168 Resp: 1894215
Ion Ratio Lower Upper
168 100
139 38.8 30.3 45.5
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 101.481 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:139 Resp: 706038
Ion Ratio Lower Upper
139 100
109 71.3 46.1 86.1
65 85.9 65.0 105.0

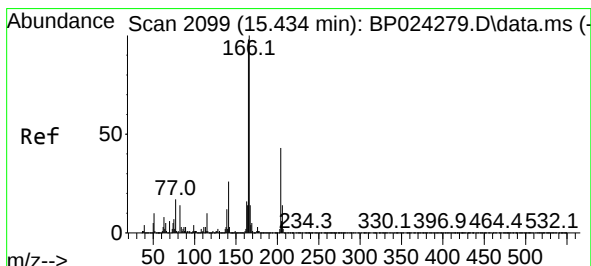
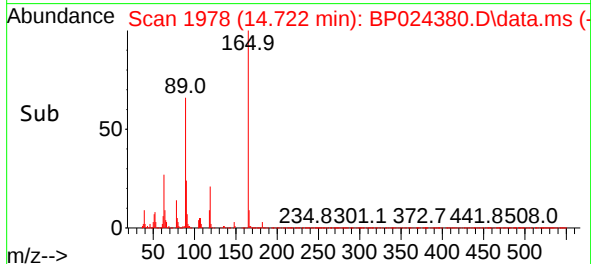
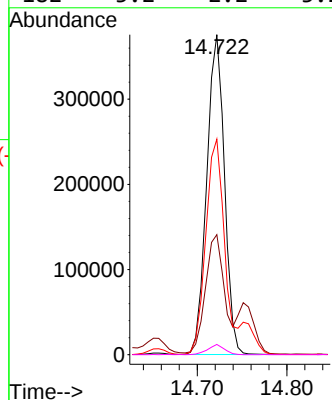
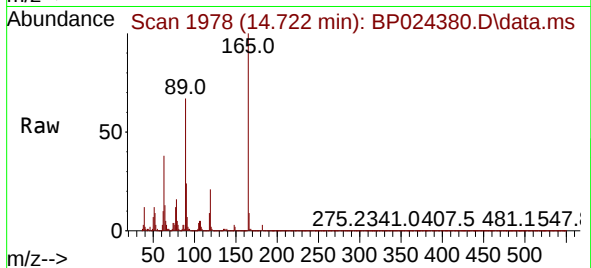




#57
2,4-Dinitrotoluene
Concen: 49.200 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

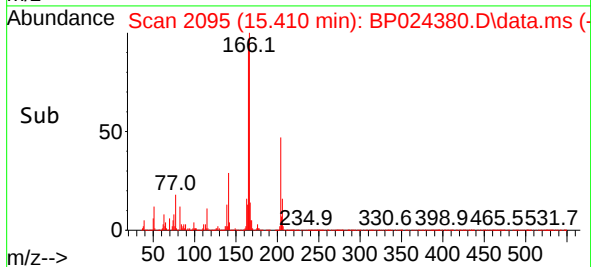
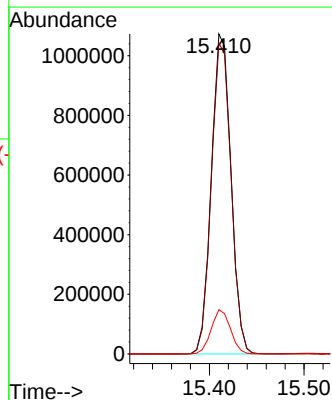
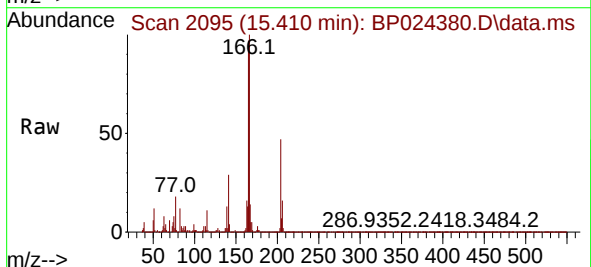
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

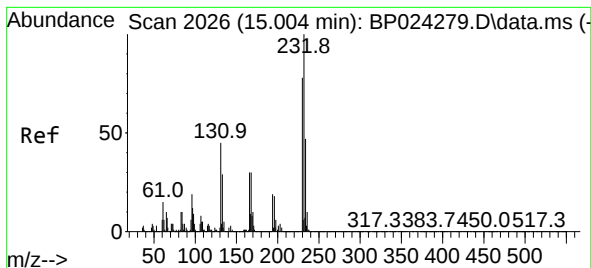
Tgt Ion:165 Resp: 514413
Ion Ratio Lower Upper
165 100
63 37.5 30.4 45.6
89 67.4 54.6 82.0
182 3.2 2.2 3.2



#58
Fluorene
Concen: 44.860 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:166 Resp: 1544949
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.9 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.758 ng

RT: 14.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

Tgt Ion:232 Resp: 433375

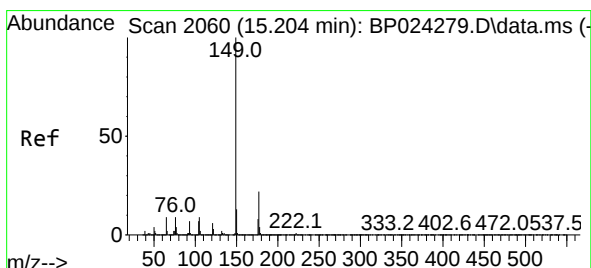
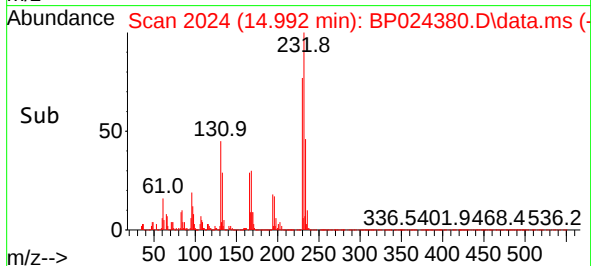
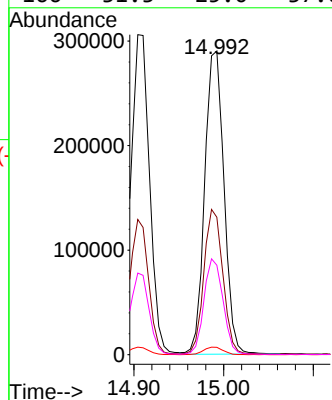
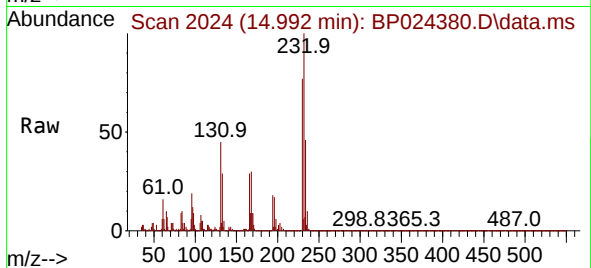
Ion Ratio Lower Upper

232 100

131 47.1 36.8 55.2

130 2.5 1.9 2.9

166 31.3 25.0 37.6



#60

Diethylphthalate

Concen: 43.687 ng

RT: 15.187 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

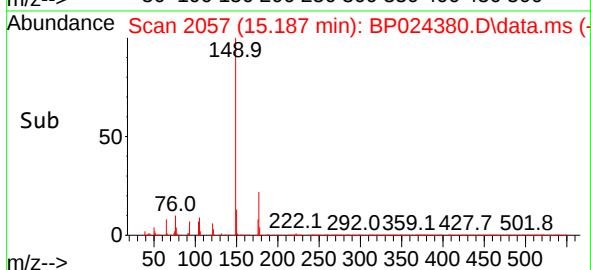
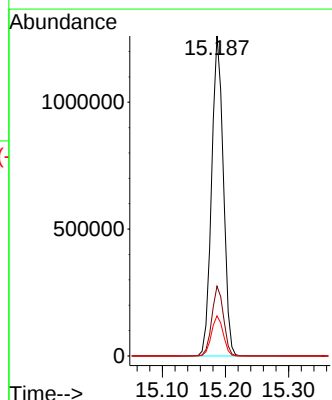
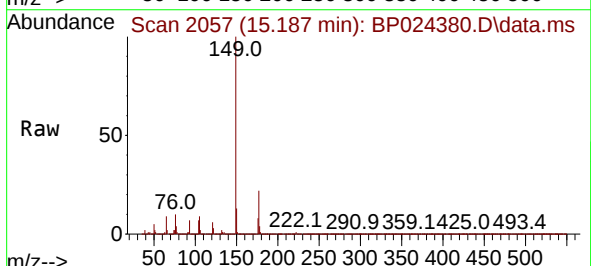
Tgt Ion:149 Resp: 1625009

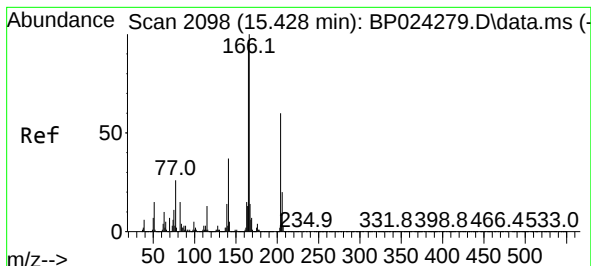
Ion Ratio Lower Upper

149 100

177 21.8 17.4 26.2

150 12.6 10.1 15.1

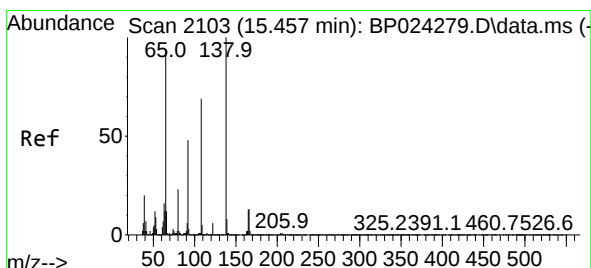
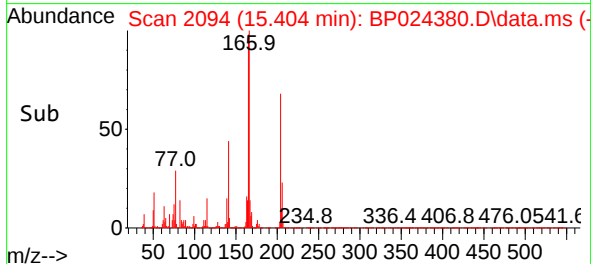
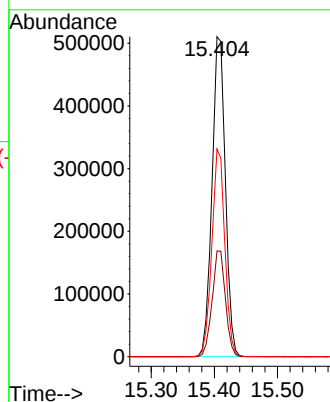
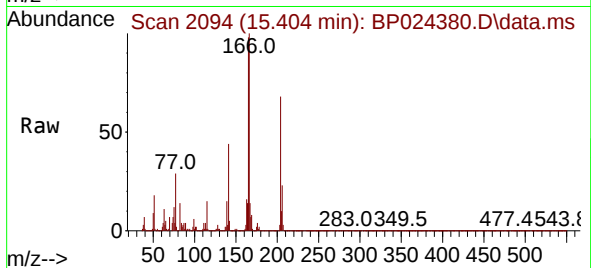




#61
4-Chlorophenyl-phenylether
Concen: 44.786 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

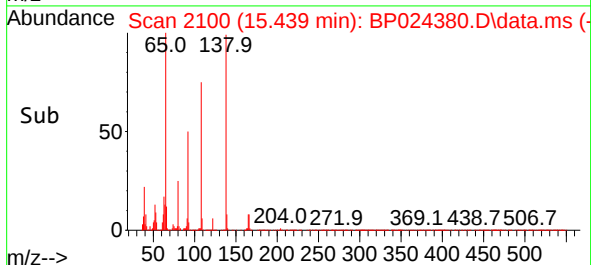
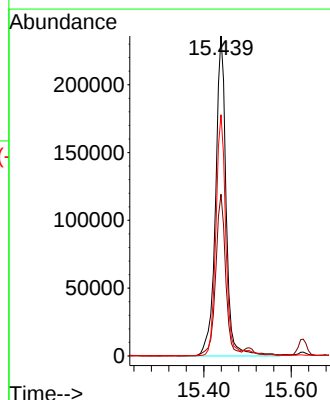
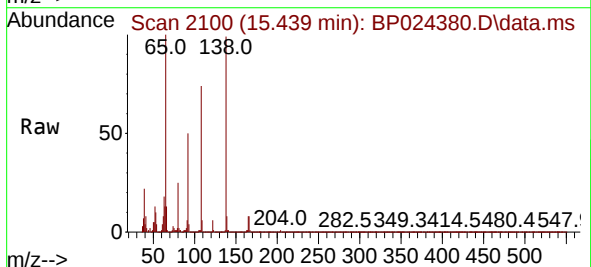
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

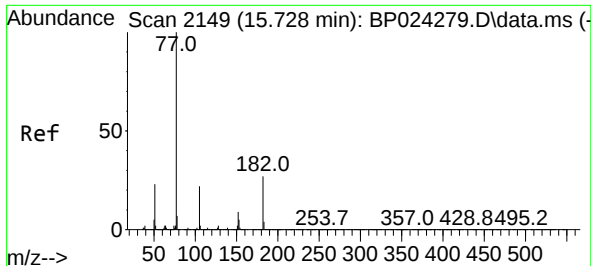
Tgt Ion:204 Resp: 748983
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.9 49.4 74.0



#62
4-Nitroaniline
Concen: 46.365 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:138 Resp: 395390
Ion Ratio Lower Upper
138 100
92 50.5 27.8 67.8
108 75.4 48.9 88.9



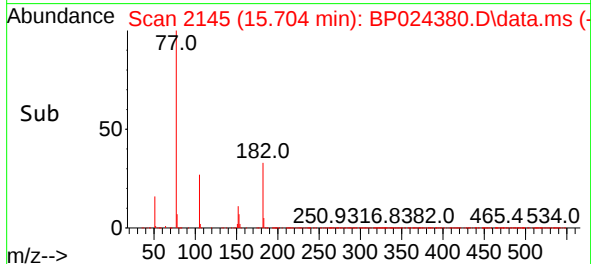
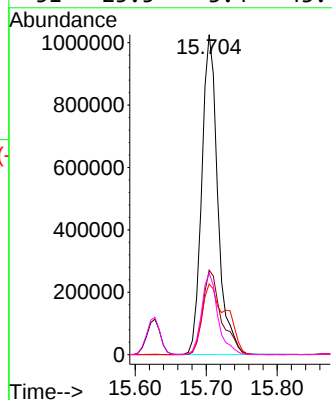
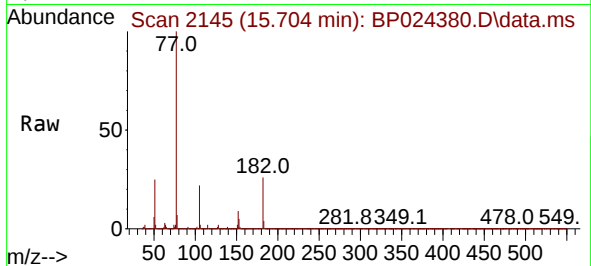


#63
Azobenzene
Concen: 46.929 ng
RT: 15.704 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Tgt Ion: 77 Resp: 1604390

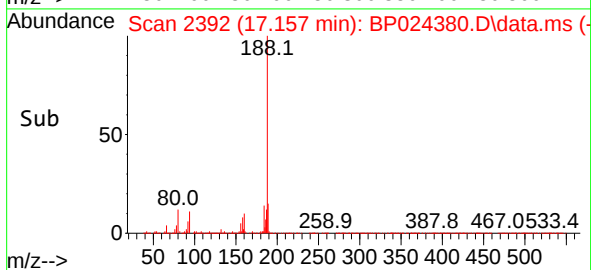
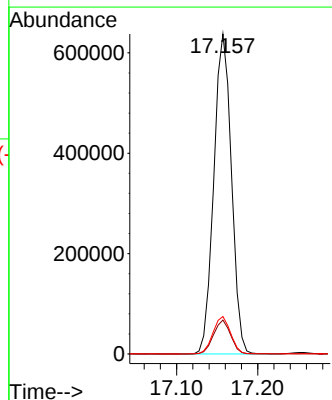
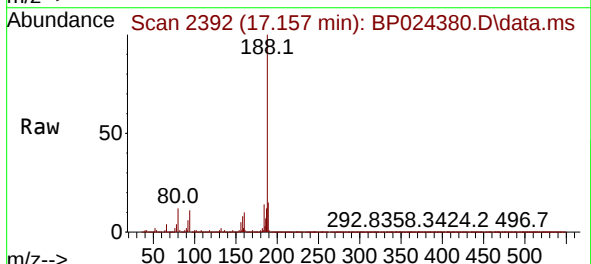
Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.3	47.3
105	22.1	2.3	42.3
51	25.5	3.4	43.4

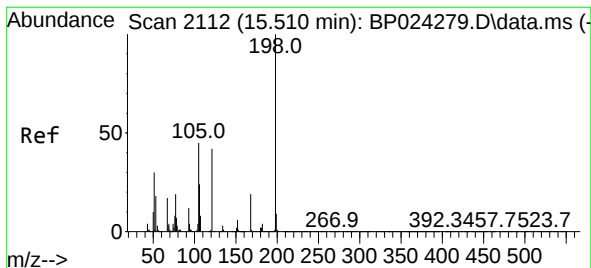


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion: 188 Resp: 962611

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.6	13.0
80	11.7	9.8	14.6

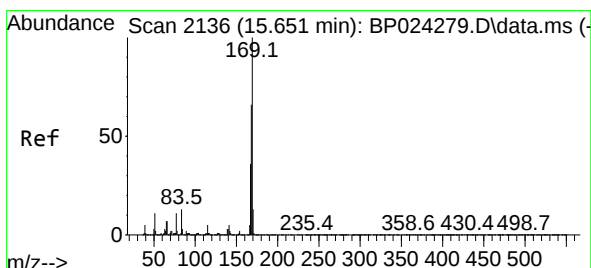
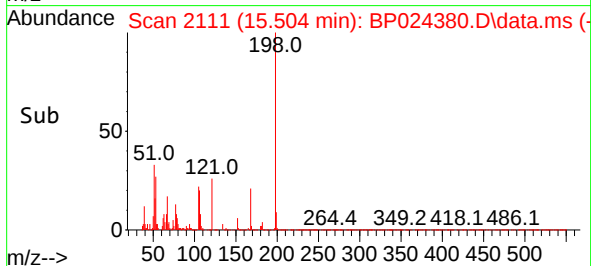
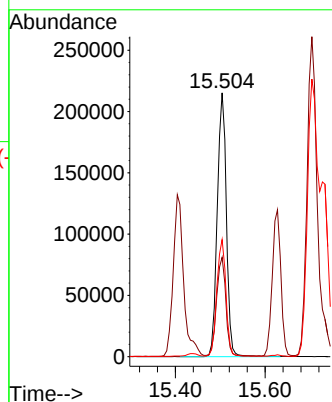
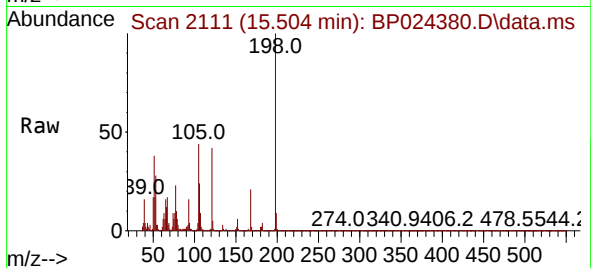




#65
4,6-Dinitro-2-methylphenol
Concen: 49.940 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

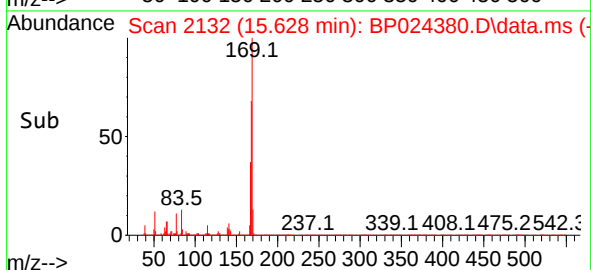
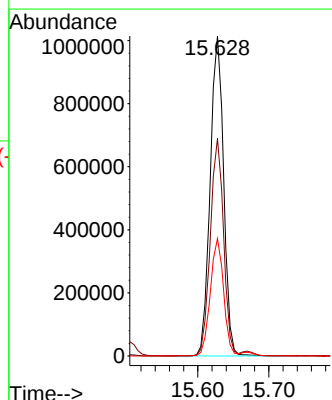
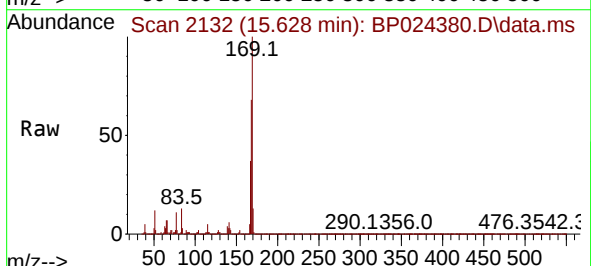
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

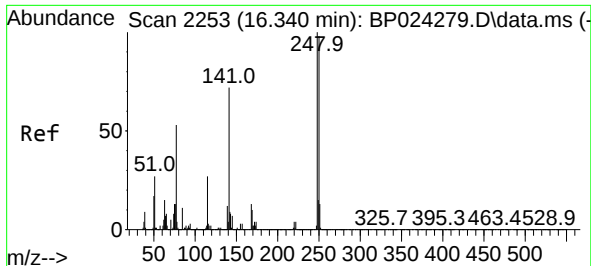
Tgt Ion:198 Resp: 303081
Ion Ratio Lower Upper
198 100
51 37.6 18.4 58.4
105 44.4 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.488 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:169 Resp: 1335693
Ion Ratio Lower Upper
169 100
168 68.0 53.0 79.4
167 36.7 28.9 43.3

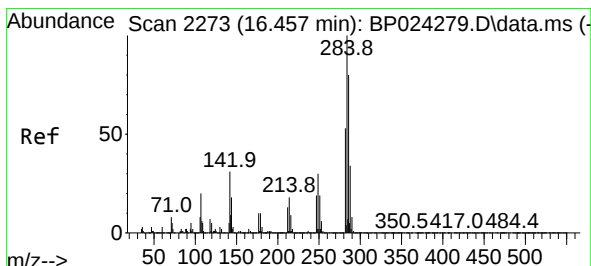
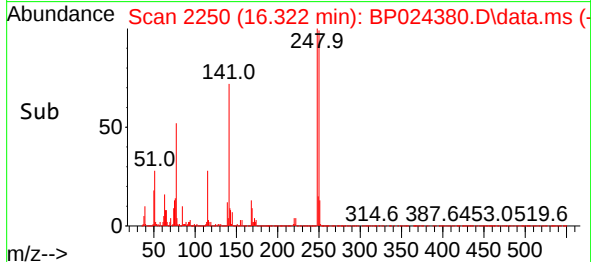
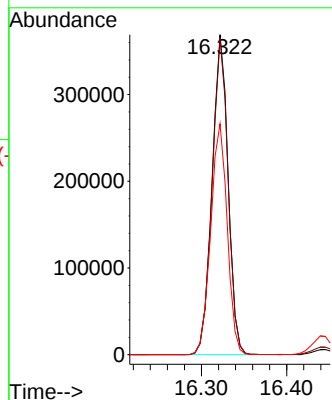
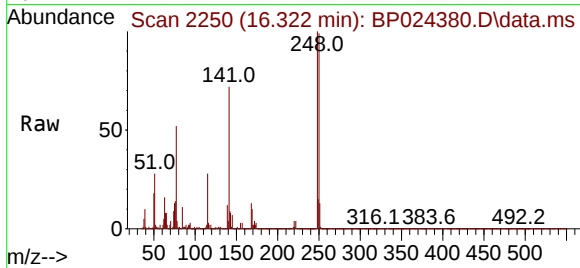




#67
4-Bromophenyl-phenylether
Concen: 45.831 ng
RT: 16.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

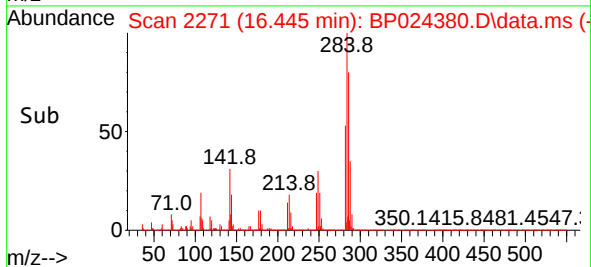
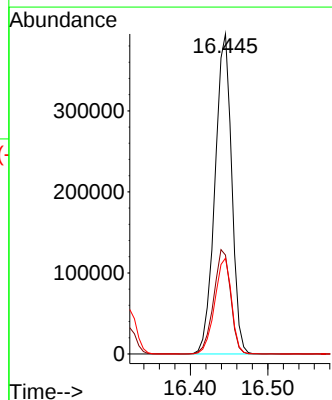
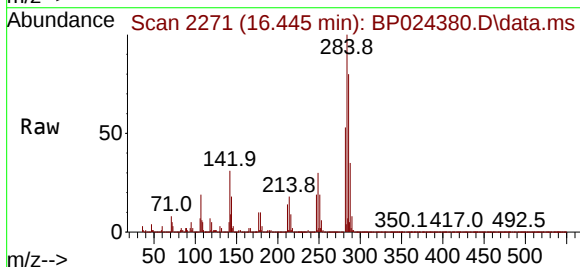
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

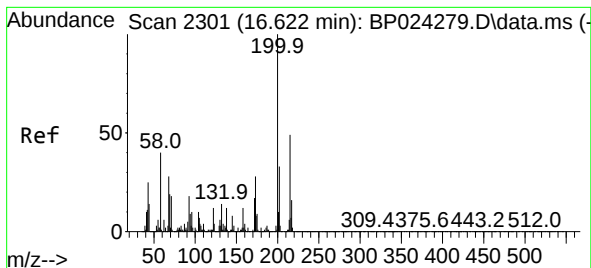
Tgt Ion:248 Resp: 482504
Ion Ratio Lower Upper
248 100
250 98.9 78.2 117.4
141 72.2 57.7 86.5



#68
Hexachlorobenzene
Concen: 47.302 ng
RT: 16.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:284 Resp: 591744
Ion Ratio Lower Upper
284 100
142 30.9 24.6 37.0
249 29.9 23.8 35.6





#69

Atrazine

Concen: 65.369 ng

RT: 16.616 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

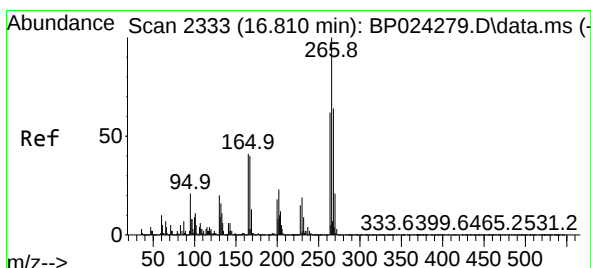
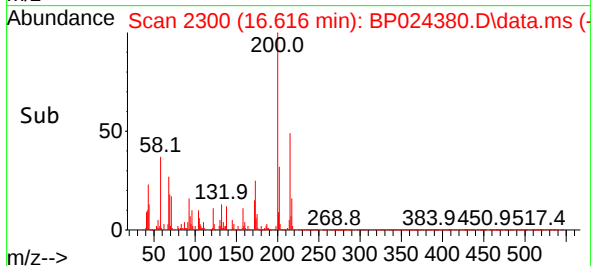
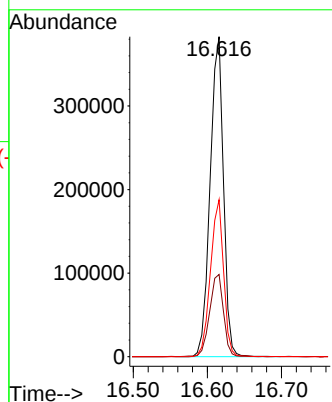
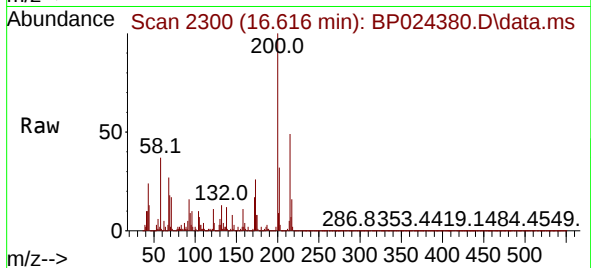
Tgt Ion:200 Resp: 478350

Ion Ratio Lower Upper

200 100

173 25.7 7.5 47.5

215 49.0 28.8 68.8



#70

Pentachlorophenol

Concen: 95.997 ng

RT: 16.798 min Scan# 2331

Delta R.T. 0.000 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

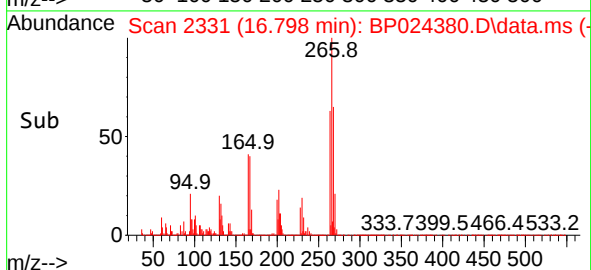
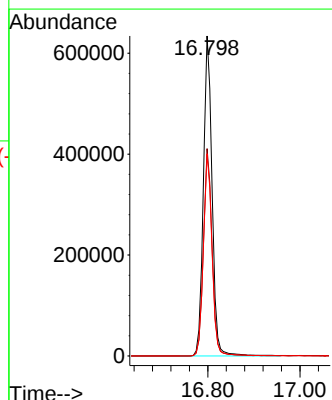
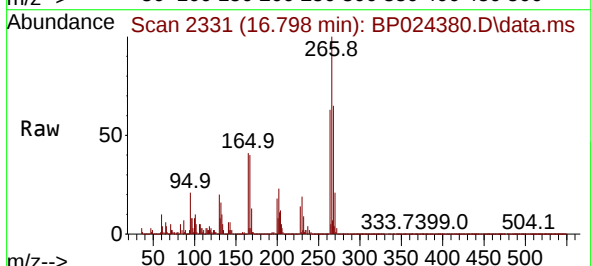
Tgt Ion:266 Resp: 837797

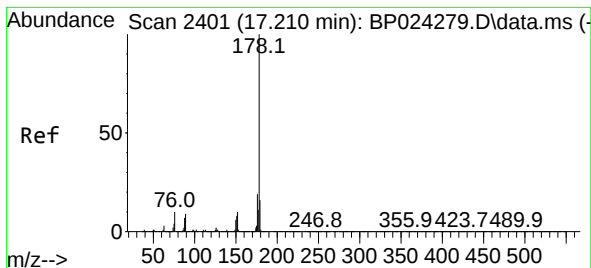
Ion Ratio Lower Upper

266 100

268 64.8 51.0 76.6

264 63.2 49.8 74.6





#71

Phenanthrene

Concen: 46.381 ng

RT: 17.198 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

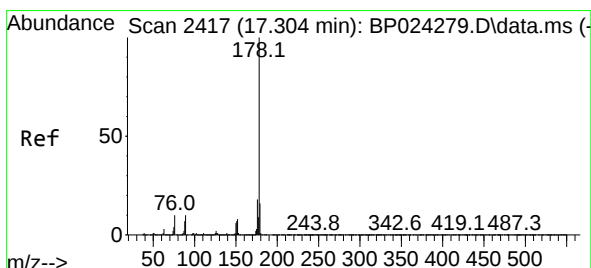
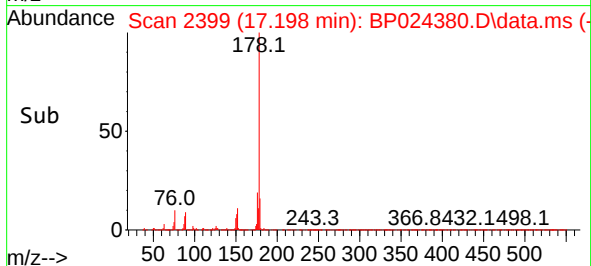
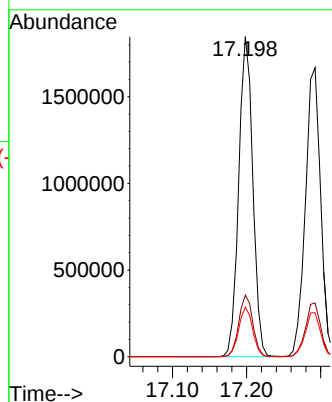
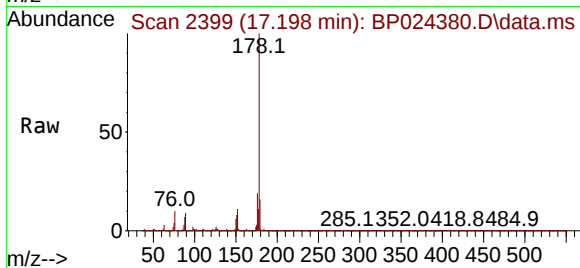
Tgt Ion:178 Resp: 2435613

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 47.190 ng

RT: 17.292 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

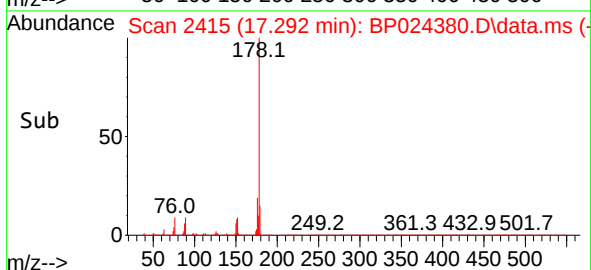
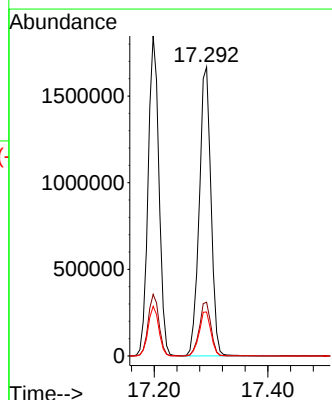
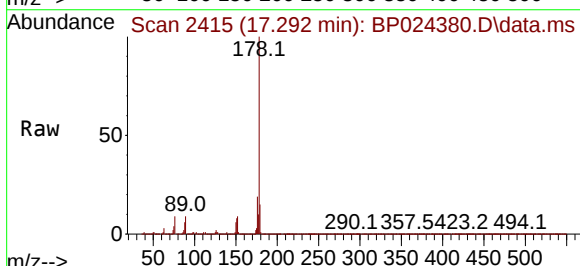
Tgt Ion:178 Resp: 2388358

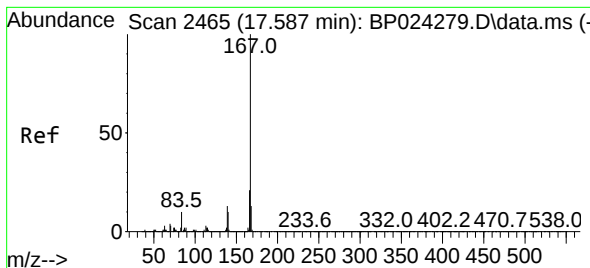
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.2 12.4 18.6





#73

Carbazole

Concen: 46.562 ng

RT: 17.575 min Scan# 2463

Delta R.T. 0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

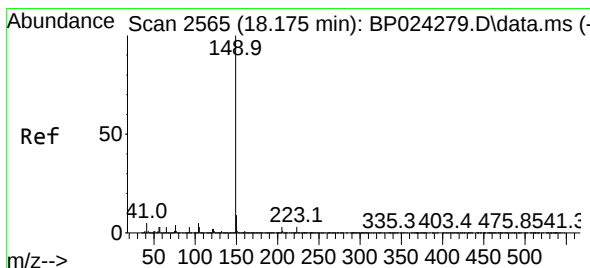
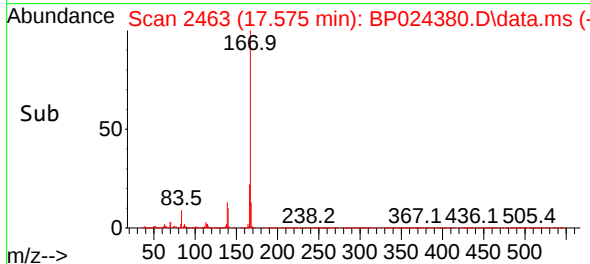
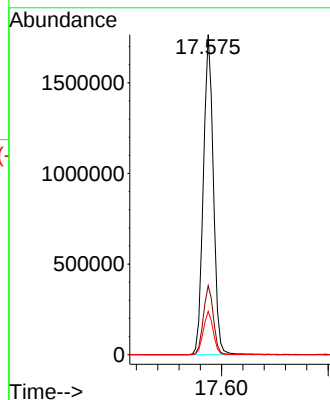
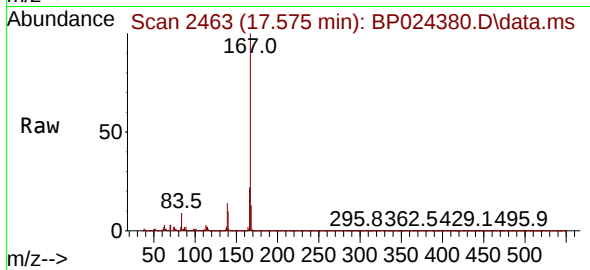
Tgt Ion:167 Resp: 2302569

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 47.487 ng

RT: 18.175 min Scan# 2565

Delta R.T. 0.018 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

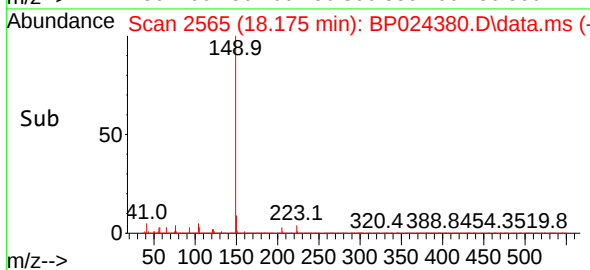
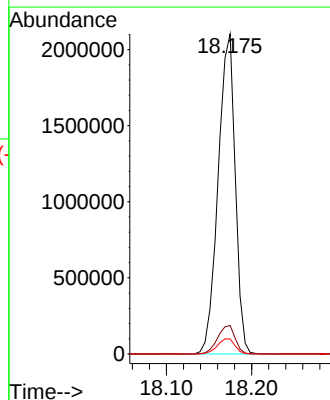
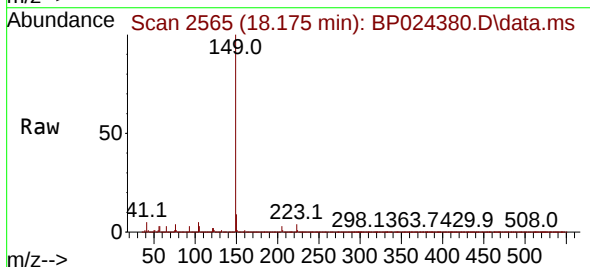
Tgt Ion:149 Resp: 2925683

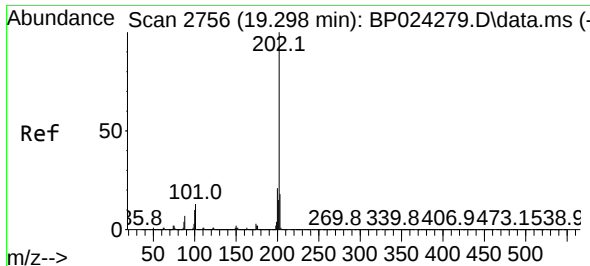
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.7 3.9 5.9

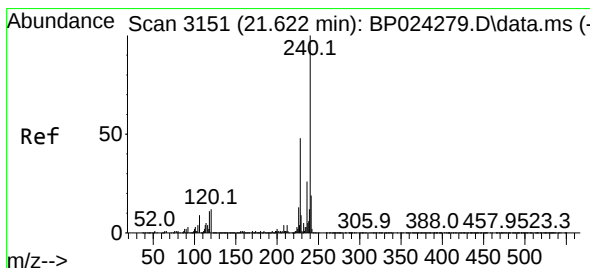
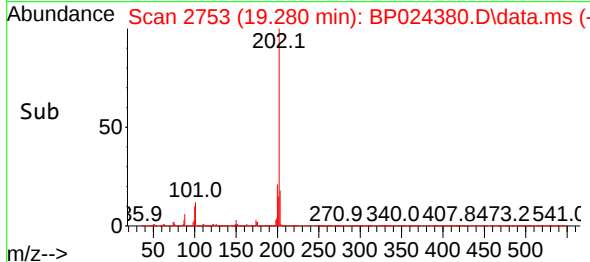
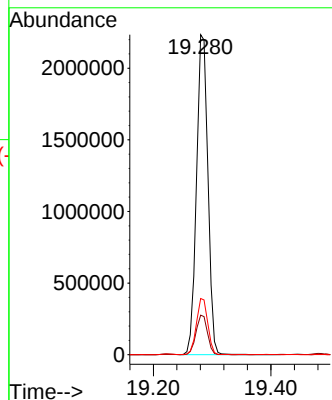
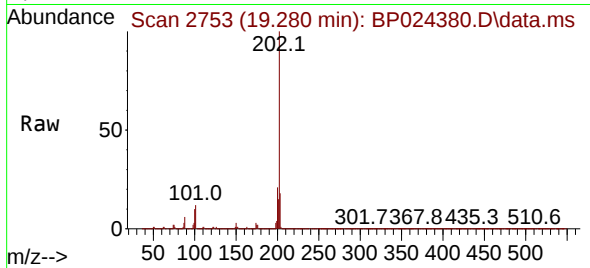




#75
Fluoranthene
Concen: 48.111 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

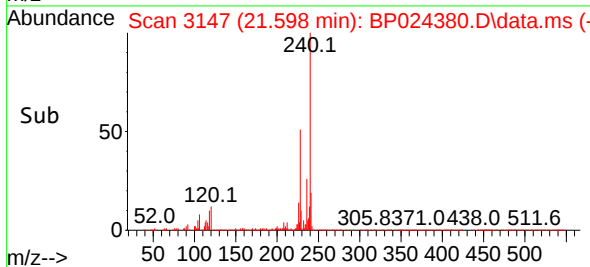
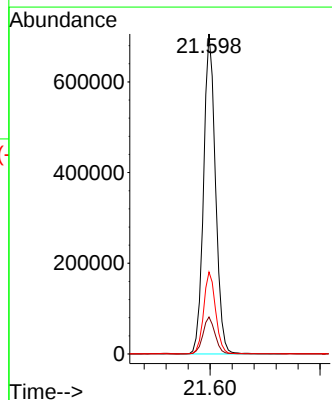
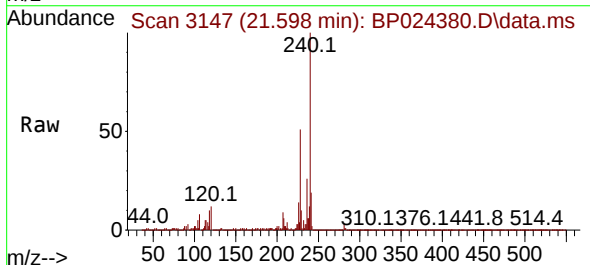
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

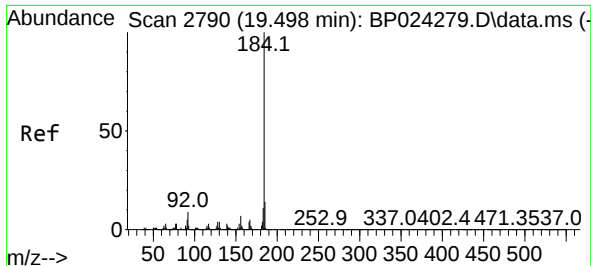
Tgt Ion:202 Resp: 3004810
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:240 Resp: 1062125
Ion Ratio Lower Upper
240 100
120 11.6 9.8 14.8
236 25.6 20.9 31.3

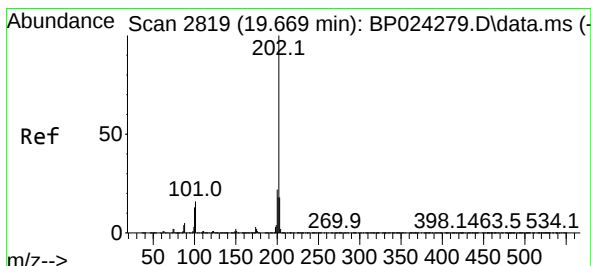
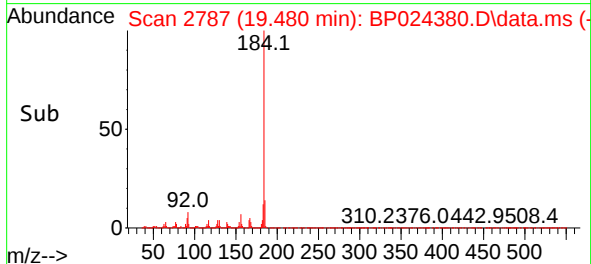
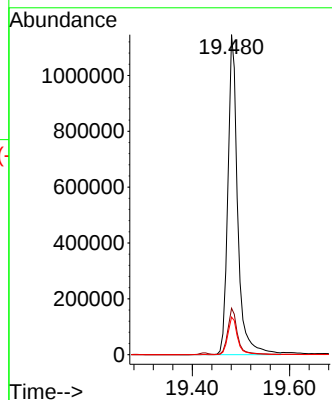
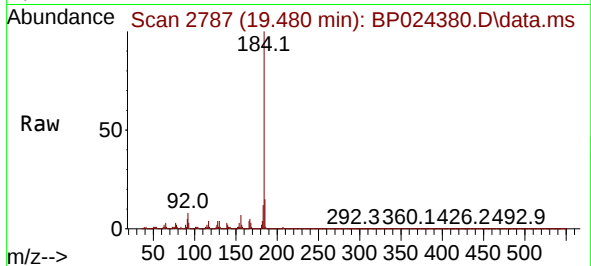




#77
Benzidine
Concen: 119.570 ng
RT: 19.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

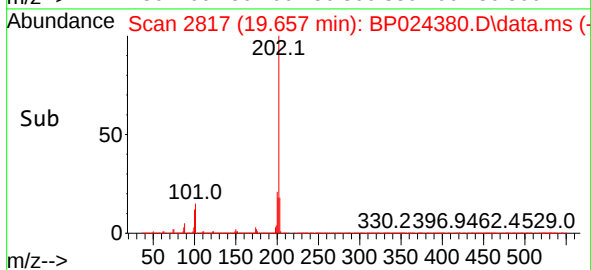
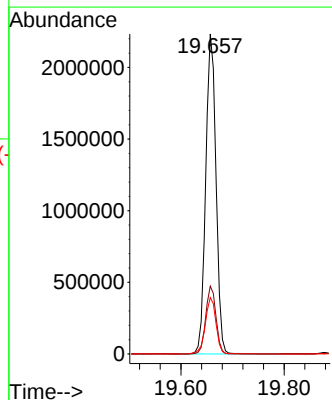
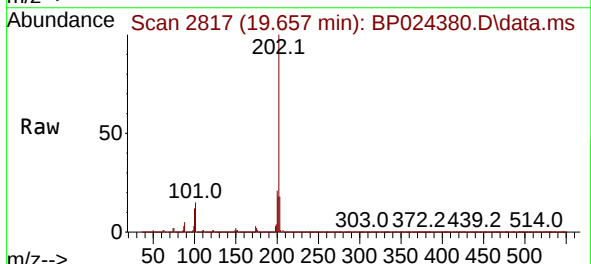
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

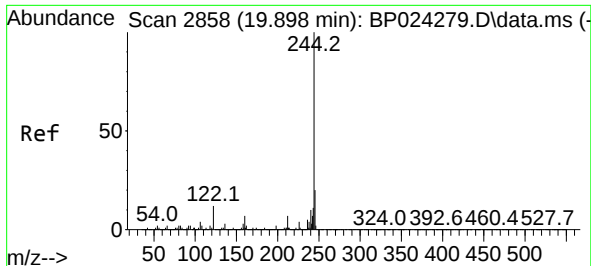
Tgt Ion:184 Resp: 1609805
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.8 9.2 13.8



#78
Pyrene
Concen: 45.604 ng
RT: 19.657 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:202 Resp: 3078266
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.6 14.4 21.6

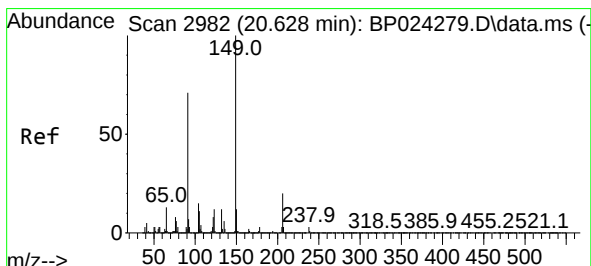
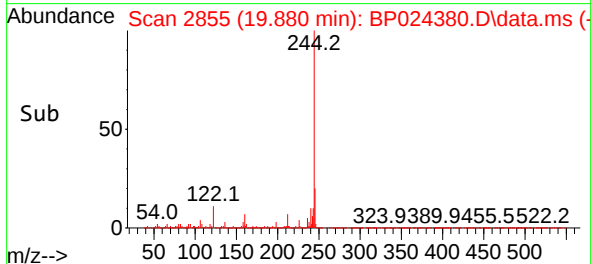
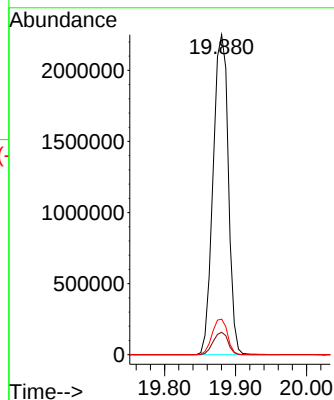
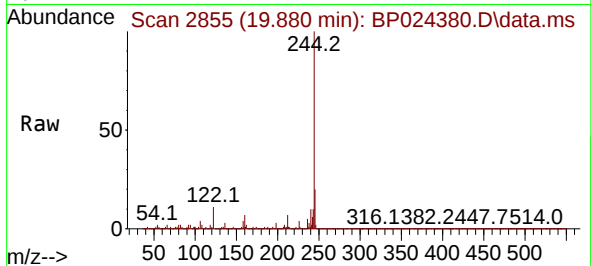




#79
 Terphenyl-d14
 Concen: 63.503 ng
 RT: 19.880 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024380.D
 Acq: 22 Apr 2025 16:03

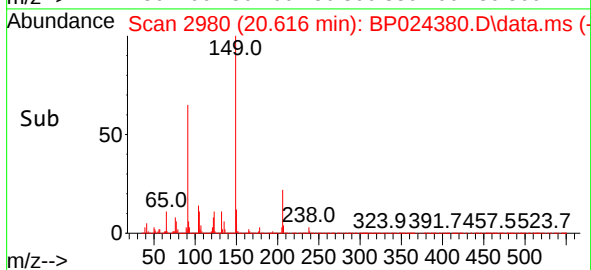
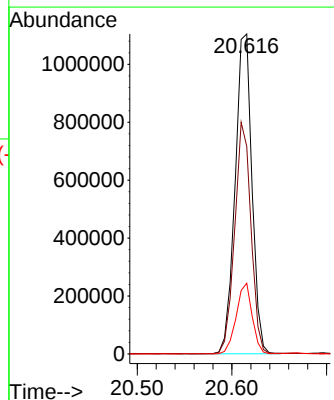
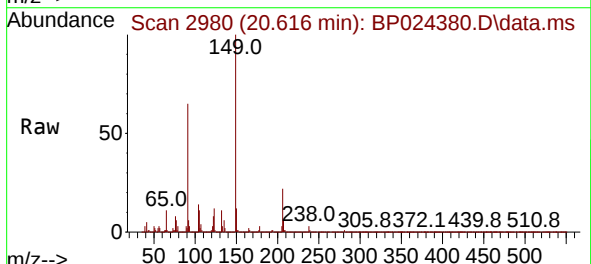
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-10MSD

Tgt Ion:244 Resp: 3346259
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 47.048 ng
 RT: 20.616 min Scan# 2980
 Delta R.T. 0.012 min
 Lab File: BP024380.D
 Acq: 22 Apr 2025 16:03

Tgt Ion:149 Resp: 1360244
 Ion Ratio Lower Upper
 149 100
 91 64.8 56.4 84.6
 206 22.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 48.453 ng

RT: 21.580 min Scan# 3147

Delta R.T. 0.012 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

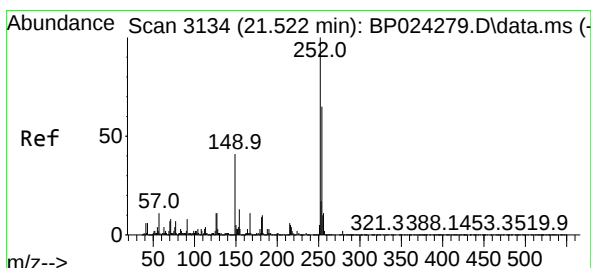
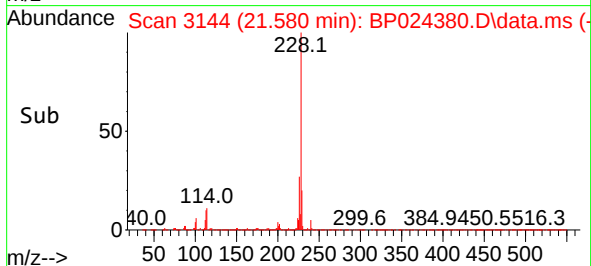
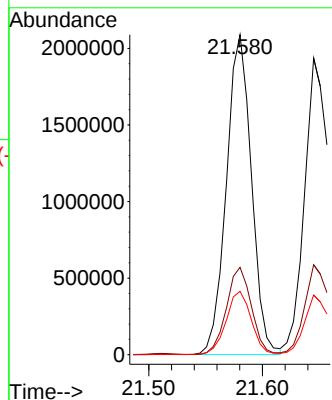
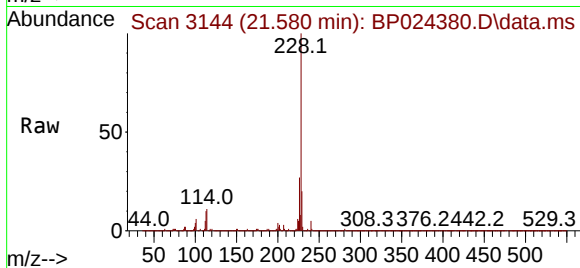
Tgt Ion:228 Resp: 3198774

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 32.913 ng

RT: 21.510 min Scan# 3132

Delta R.T. 0.018 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

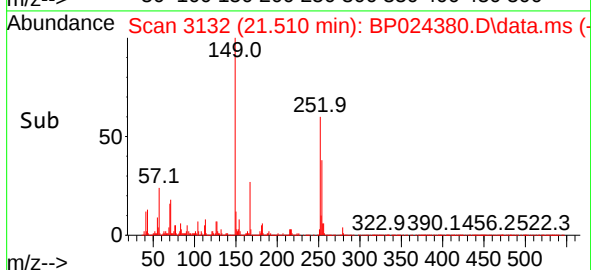
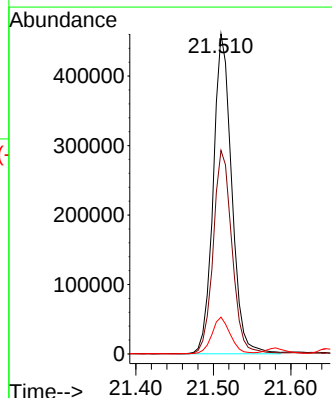
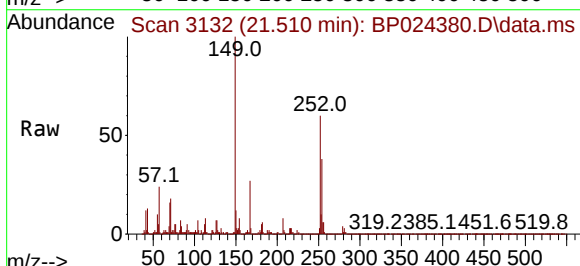
Tgt Ion:252 Resp: 762633

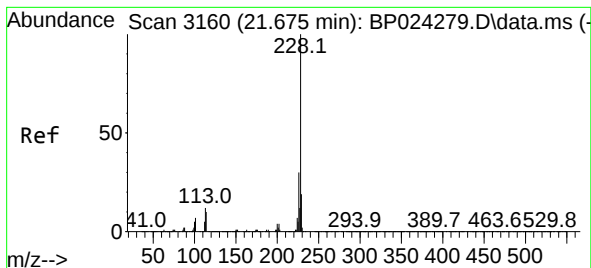
Ion Ratio Lower Upper

252 100

254 63.6 51.7 77.5

126 11.5 8.8 13.2





#83

Chrysene

Concen: 46.923 ng

RT: 21.645 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

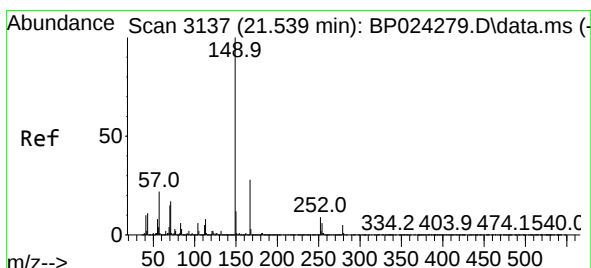
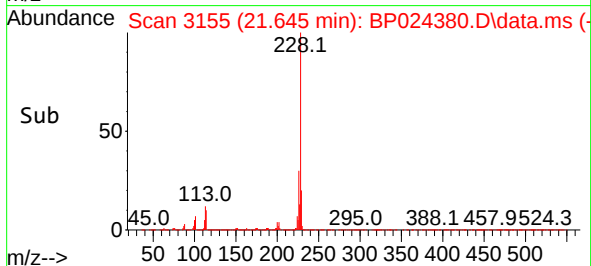
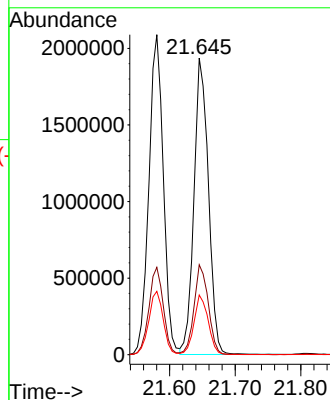
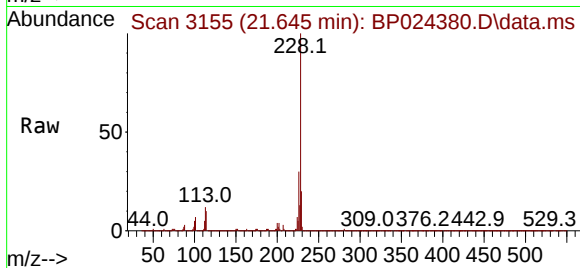
Tgt Ion:228 Resp: 2967767

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 20.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.042 ng

RT: 21.521 min Scan# 3134

Delta R.T. 0.012 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

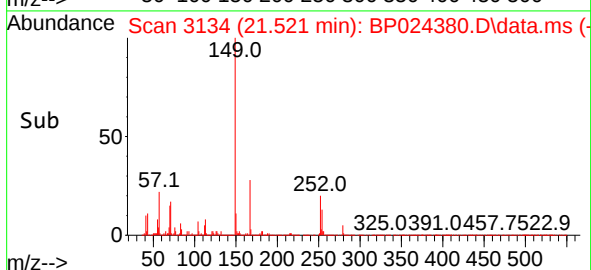
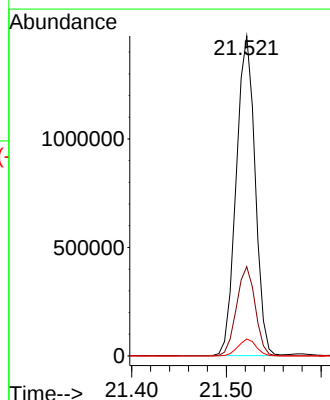
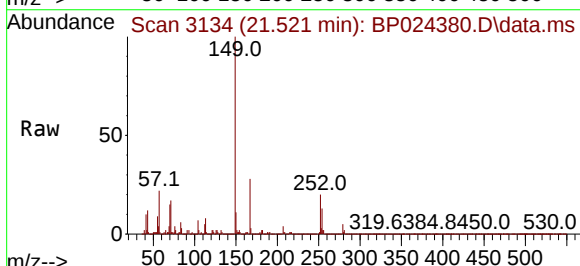
Tgt Ion:149 Resp: 2036171

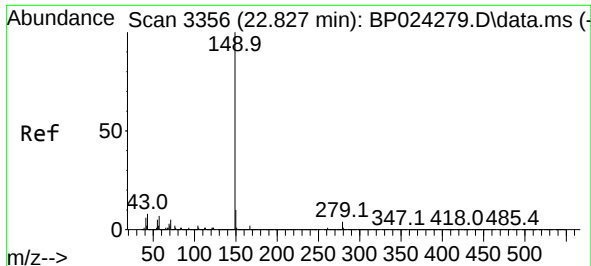
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 5.3 4.0 6.0

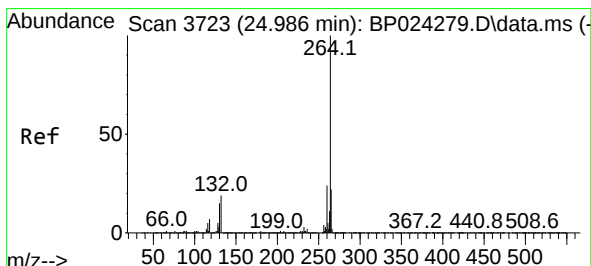
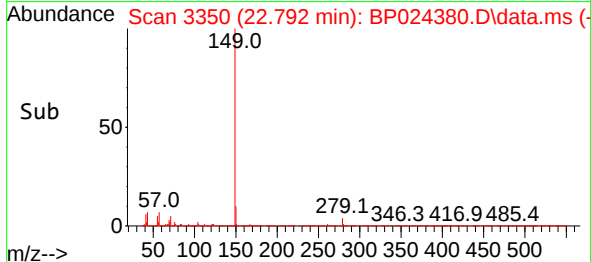
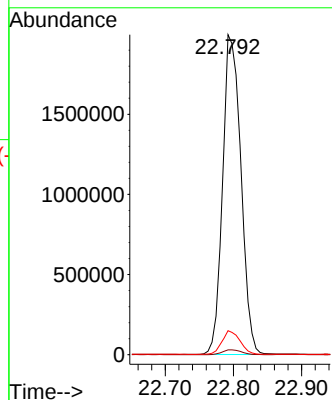
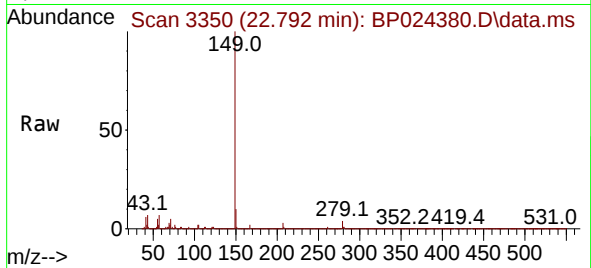




#85
Di-n-octyl phthalate
Concen: 54.178 ng
RT: 22.792 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

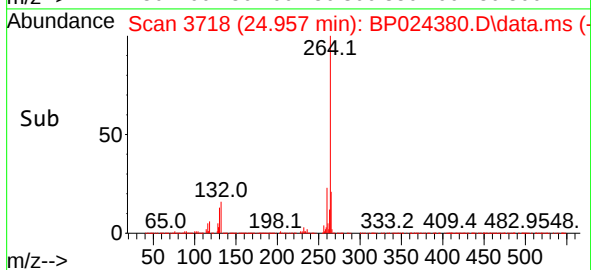
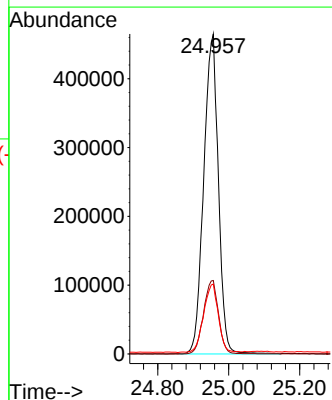
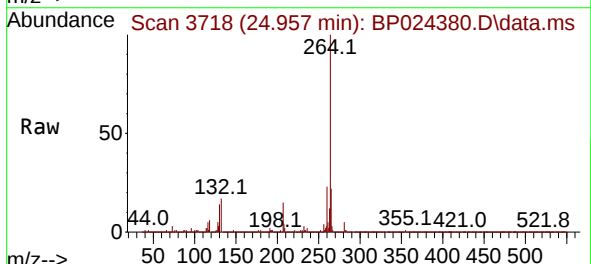
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

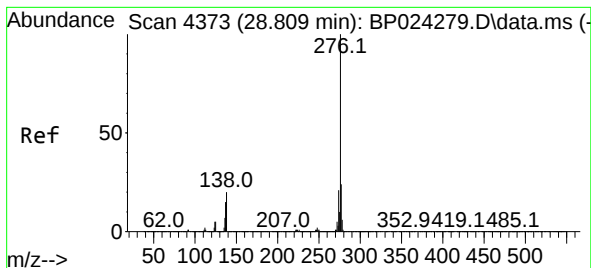
Tgt Ion:149 Resp: 3733031
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.2 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.957 min Scan# 3718
Delta R.T. 0.024 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:264 Resp: 1335629
Ion Ratio Lower Upper
264 100
260 22.9 18.9 28.3
265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.337 ng

RT: 28.751 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

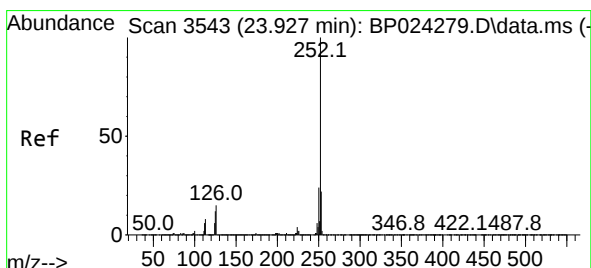
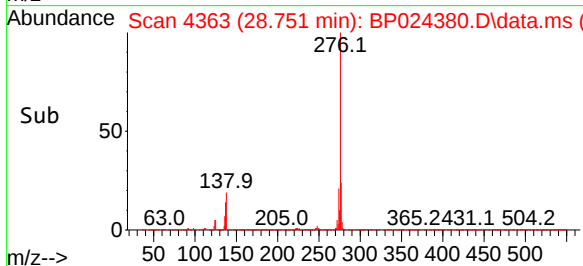
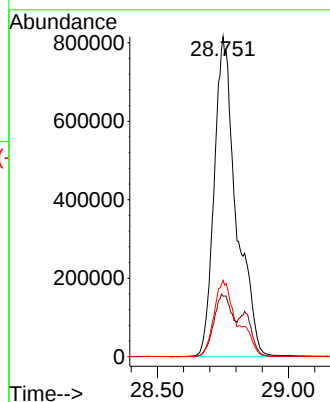
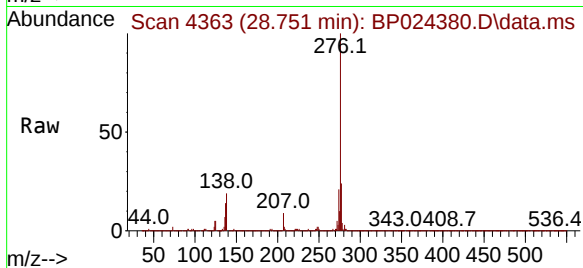
Tgt Ion:276 Resp: 4760197

Ion Ratio Lower Upper

276 100

138 16.7 14.5 21.7

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.034 ng

RT: 23.892 min Scan# 3537

Delta R.T. 0.006 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

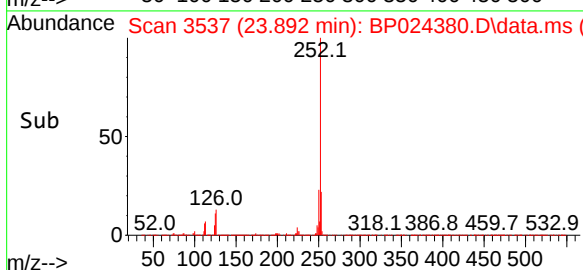
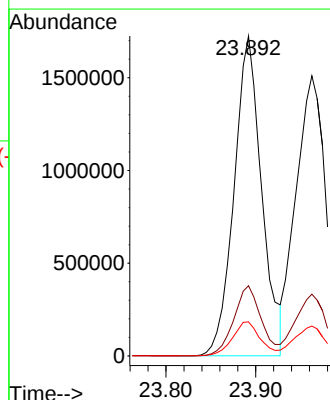
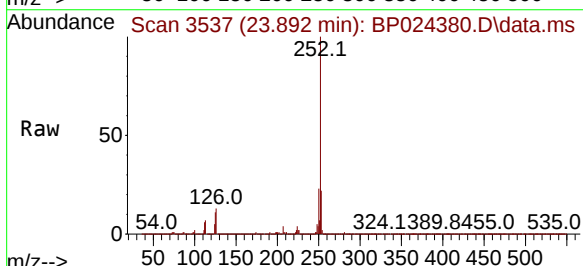
Tgt Ion:252 Resp: 3685399

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.7 9.4 14.0

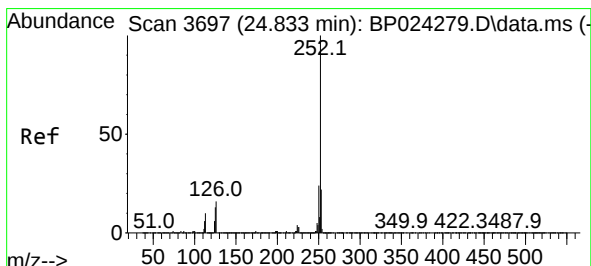
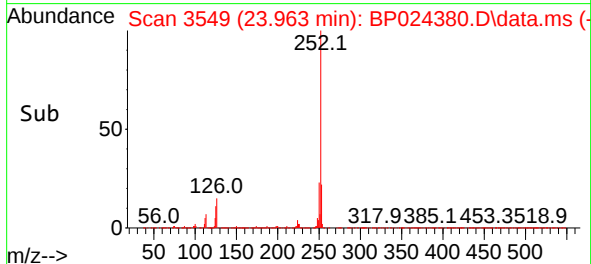
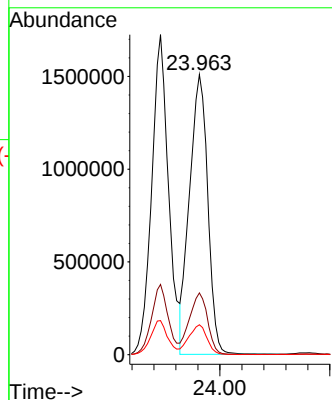
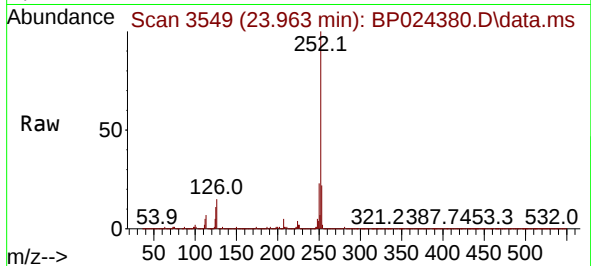




#89
Benzo(k)fluoranthene
Concen: 44.882 ng
RT: 23.963 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

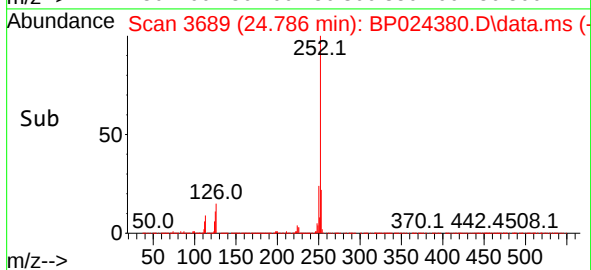
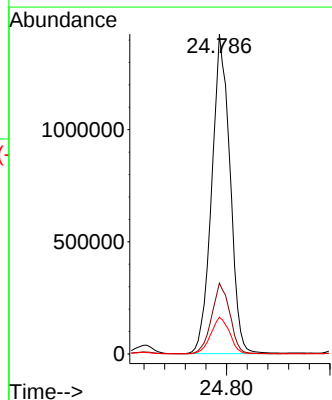
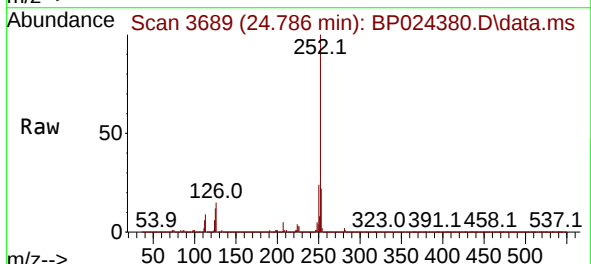
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

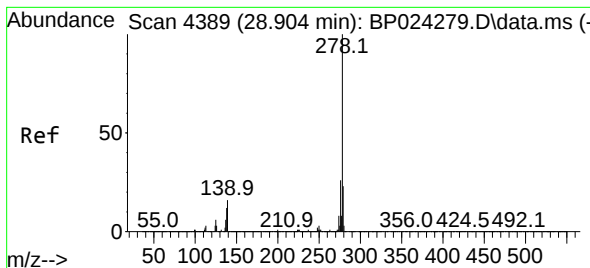
Tgt Ion:252 Resp: 3470812
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.7 9.1 13.7



#90
Benzo(a)pyrene
Concen: 50.582 ng
RT: 24.786 min Scan# 3689
Delta R.T. 0.006 min
Lab File: BP024380.D
Acq: 22 Apr 2025 16:03

Tgt Ion:252 Resp: 3493101
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.5 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 49.279 ng

RT: 28.833 min Scan# 41

Delta R.T. 0.029 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MSD

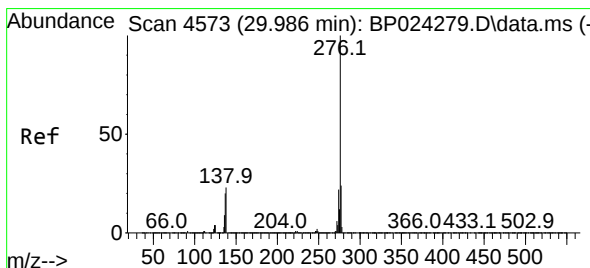
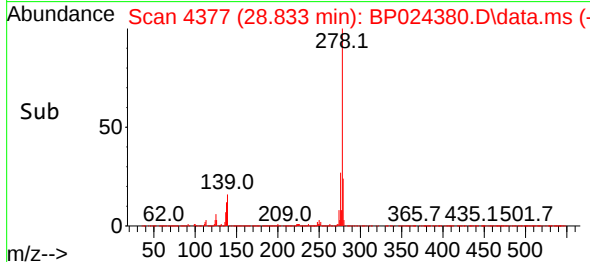
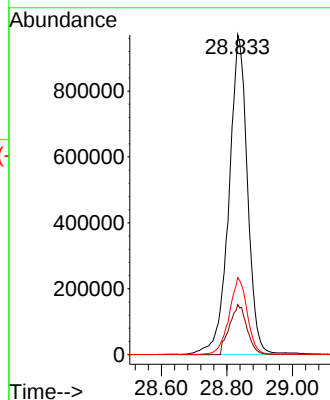
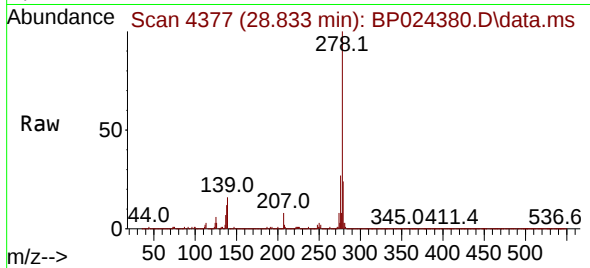
Tgt Ion:278 Resp: 3792725

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 49.118 ng

RT: 29.927 min Scan# 4563

Delta R.T. 0.029 min

Lab File: BP024380.D

Acq: 22 Apr 2025 16:03

Tgt Ion:276 Resp: 3847848

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 21.8 18.7 28.1

