

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024397.D
 Acq On : 23 Apr 2025 15:33
 Operator : RC/JU
 Sample : Q1842-13MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 23 16:13:06 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	205293	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	849860	20.000	ng	-0.01
39) Acenaphthene-d10	14.351	164	544517	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1131685	20.000	ng	0.01
76) Chrysene-d12	21.598	240	1233931	20.000	ng	0.00
86) Perylene-d12	24.927	264	1429799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1090457	87.827	ng	0.00
7) Phenol-d6	6.905	99	1492131	87.767	ng	0.00
23) Nitrobenzene-d5	8.863	82	851178	57.110	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	791622	105.078	ng	0.01
45) 2-Fluorobiphenyl	12.963	172	2072853	58.286	ng	0.00
79) Terphenyl-d14	19.869	244	3903926	63.771	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	189906	36.161	ng	95
3) Pyridine	3.681	79	476498	34.361	ng	96
4) n-Nitrosodimethylamine	3.587	42	191979	41.713	ng	89
6) Aniline	7.058	93	451931	29.748	ng	99
8) 2-Chlorophenol	7.293	128	576369	41.578	ng	99
9) Benzaldehyde	6.869	77	284671	33.850	ng	99
10) Phenol	6.934	94	721780	42.322	ng	96
11) bis(2-Chloroethyl)ether	7.152	93	534701	38.913	ng	100
12) 1,3-Dichlorobenzene	7.611	146	608796	40.794	ng	99
13) 1,4-Dichlorobenzene	7.752	146	615131	40.624	ng	99
14) 1,2-Dichlorobenzene	8.069	146	597284	40.850	ng	99
15) Benzyl Alcohol	7.958	79	474306	43.140	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	604513	40.701	ng	100
17) 2-Methylphenol	8.164	107	483733	43.846	ng	98
18) Hexachloroethane	8.787	117	233553	42.680	ng	98
19) n-Nitroso-di-n-propyla...	8.516	70	399647	37.997	ng	98
20) 3+4-Methylphenols	8.487	107	648128	42.339	ng	97
22) Acetophenone	8.534	105	824854	39.214	ng	99
24) Nitrobenzene	8.905	77	596214	40.437	ng	99
25) Isophorone	9.434	82	1130512	41.905	ng	97
26) 2-Nitrophenol	9.611	139	306732	42.511	ng	95
27) 2,4-Dimethylphenol	9.681	122	542013	59.826	ng	99
28) bis(2-Chloroethoxy)met...	9.905	93	716454	39.313	ng	99
29) 2,4-Dichlorophenol	10.146	162	533012	43.148	ng	99
30) 1,2,4-Trichlorobenzene	10.358	180	548547	41.446	ng	98
31) Naphthalene	10.540	128	1751731	39.130	ng	99
32) Benzoic acid	9.834	122	418253	39.620	ng	97
33) 4-Chloroaniline	10.658	127	248099	15.737	ng	97
34) Hexachlorobutadiene	10.822	225	340576	43.790	ng	99
35) Caprolactam	11.446	113	191094	41.925	ng	99
36) 4-Chloro-3-methylphenol	11.787	107	611791	42.520	ng	98
37) 2-Methylnaphthalene	12.152	142	1112770	35.841	ng	97
38) 1-Methylnaphthalene	12.375	142	1165830	38.384	ng	100
40) 1,2,4,5-Tetrachloroben...	12.528	216	617863	41.262	ng	99
41) Hexachlorocyclopentadiene	12.504	237	789035	148.987	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	437556	43.950	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024397.D
 Acq On : 23 Apr 2025 15:33
 Operator : RC/JU
 Sample : Q1842-13MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 23 16:13:06 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

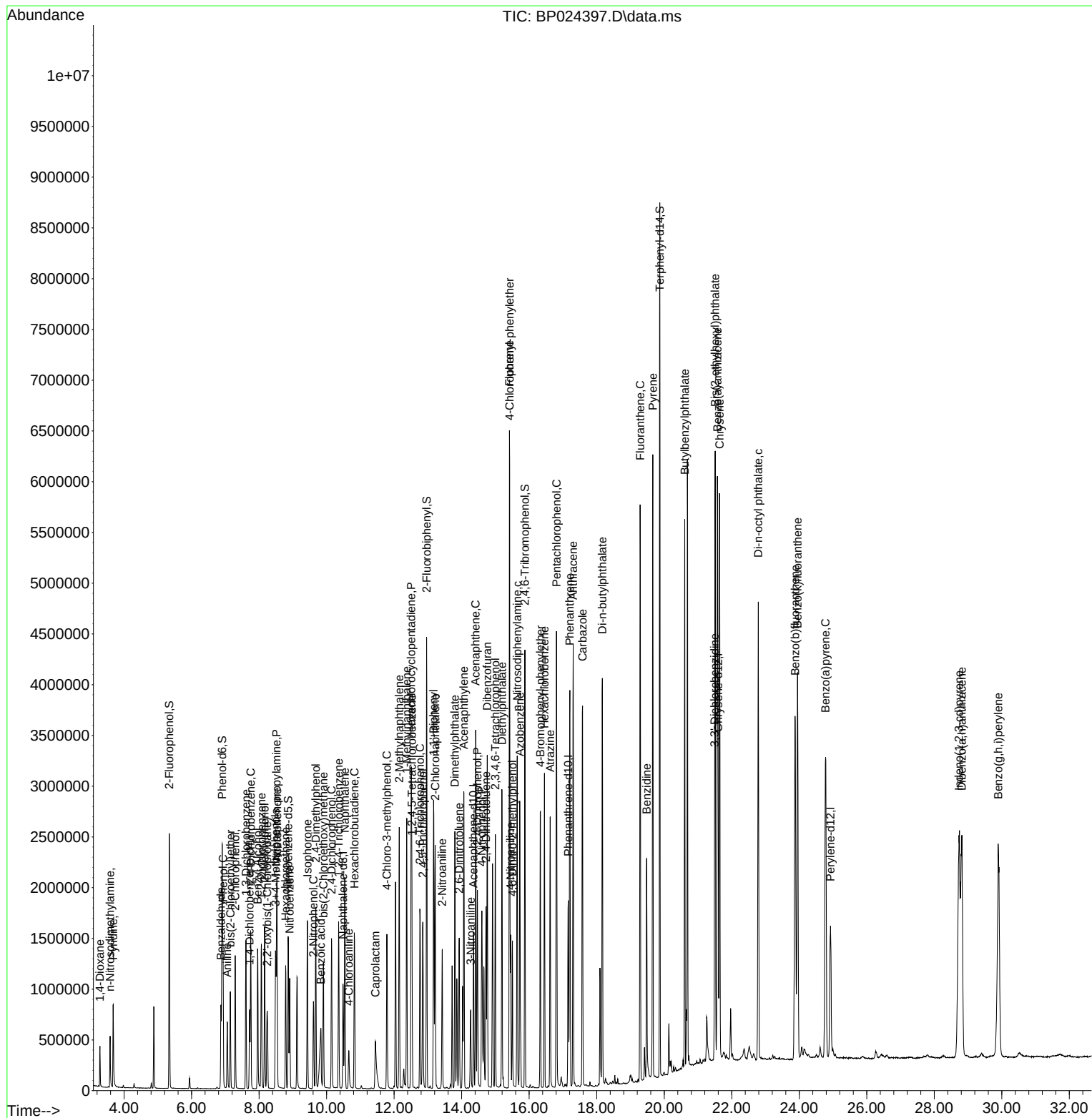
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.852	196	485663	44.052	ng	100
46) 1,1'-Biphenyl	13.169	154	1593152	39.804	ng	100
47) 2-Chloronaphthalene	13.216	162	1211373	40.495	ng	98
48) 2-Nitroaniline	13.422	65	373457	44.507	ng	95
49) Acenaphthylene	14.069	152	2059851	43.736	ng	99
50) Dimethylphthalate	13.799	163	1627584	41.102	ng	99
51) 2,6-Dinitrotoluene	13.928	165	357955	42.570	ng	98
52) Acenaphthene	14.416	154	1186129	39.725	ng	99
53) 3-Nitroaniline	14.269	138	246996	27.948	ng	98
54) 2,4-Dinitrophenol	14.469	184	463777	93.634	ng	96
55) Dibenzofuran	14.757	168	1890563	38.737	ng	97
56) 4-Nitrophenol	14.598	139	733289	96.073	ng	96
57) 2,4-Dinitrotoluene	14.722	165	523598	45.648	ng	97
58) Fluorene	15.416	166	1564900	41.419	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	452352	44.487	ng	99
60) Diethylphthalate	15.193	149	1698815	41.631	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	755960	41.204	ng	99
62) 4-Nitroaniline	15.451	138	409990	43.823	ng	93
63) Azobenzene	15.722	77	1652315	44.054	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	296927	41.616	ng	97
66) n-Nitrosodiphenylamine	15.645	169	1395521	41.314	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	519774	41.995	ng	99
68) Hexachlorobenzene	16.451	284	629662	42.813	ng	98
69) Atrazine	16.622	200	530522	61.667	ng	98
70) Pentachlorophenol	16.810	266	936806	91.305	ng	99
71) Phenanthrene	17.204	178	2620782	42.451	ng	100
72) Anthracene	17.304	178	2570026	43.193	ng	99
73) Carbazole	17.581	167	2536111	43.622	ng	100
74) Di-n-butylphthalate	18.169	149	3338436	46.091	ng	99
75) Fluoranthene	19.286	202	3407929	46.414	ng	99
77) Benzidine	19.481	184	1313081	83.951	ng	99
78) Pyrene	19.663	202	3459364	44.115	ng	99
80) Butylbenzylphthalate	20.610	149	1607811	47.868	ng	95
81) Benzo(a)anthracene	21.575	228	3409620	44.456	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	746422	27.728	ng	99
83) Chrysene	21.639	228	3161695	43.029	ng	100
84) Bis(2-ethylhexyl)phtha...	21.510	149	2395330	48.647	ng	100
85) Di-n-octyl phthalate	22.786	149	4047999	50.569	ng	100
87) Indeno(1,2,3-cd)pyrene	28.733	276	4584586	46.186	ng	96
88) Benzo(b)fluoranthene	23.880	252	3639167	42.462	ng	98
89) Benzo(k)fluoranthene	23.951	252	3556679	42.963	ng	99
90) Benzo(a)pyrene	24.780	252	3471027	46.952	ng	98
91) Dibenzo(a,h)anthracene	28.815	278	3648029	44.277	ng	99
92) Benzo(g,h,i)perylene	29.892	276	3656985	43.607	ng	98

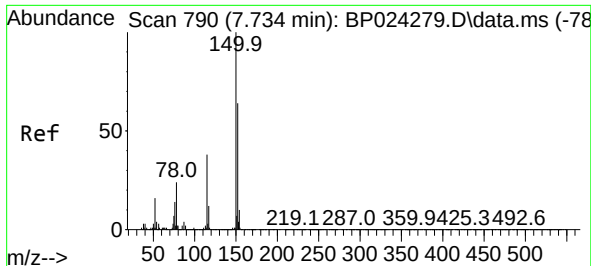
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
Data File : BP024397.D
Acq On : 23 Apr 2025 15:33
Operator : RC/JU
Sample : Q1842-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 23 16:13:06 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

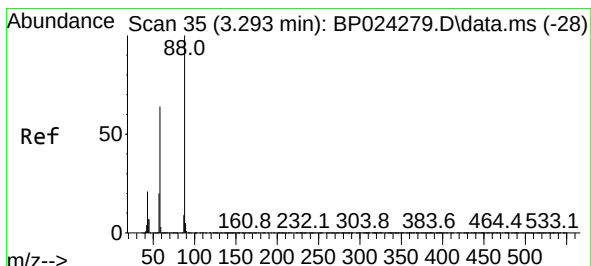
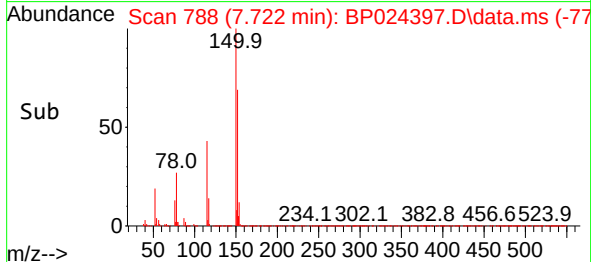
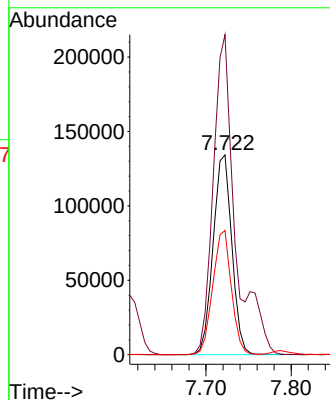
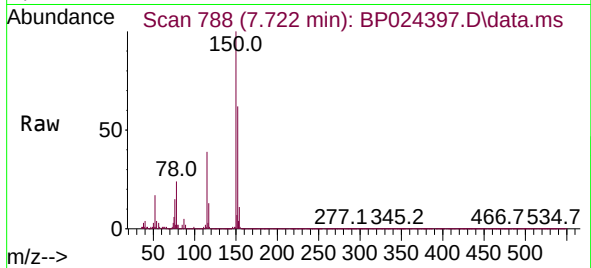




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 7
 Delta R.T. 0.000 min
 Lab File: BP024397.D
 Acq: 23 Apr 2025 15:33

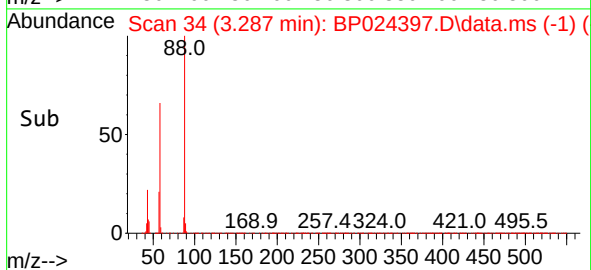
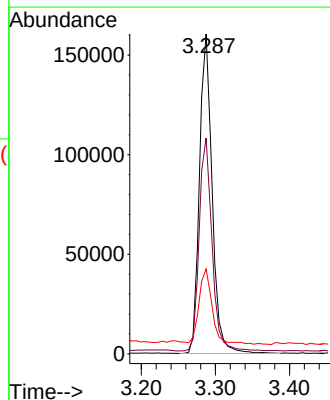
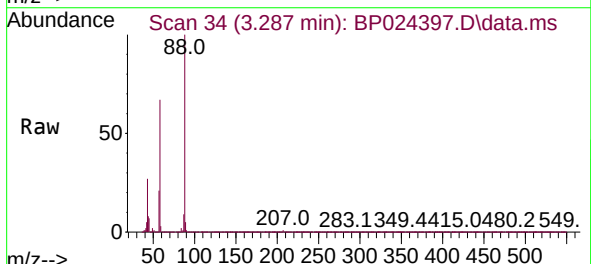
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-10MS

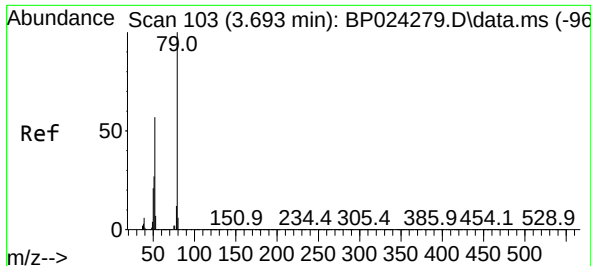
Tgt Ion:152 Resp: 205293
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.9 187.3
 115 62.1 47.7 71.5



#2
 1,4-Dioxane
 Concen: 36.161 ng
 RT: 3.287 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BP024397.D
 Acq: 23 Apr 2025 15:33

Tgt Ion: 88 Resp: 189906
 Ion Ratio Lower Upper
 88 100
 58 67.6 51.4 77.2
 43 24.9 17.1 25.7

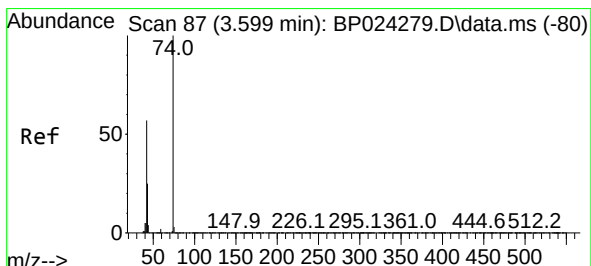
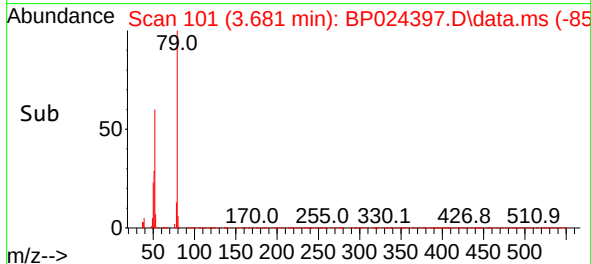
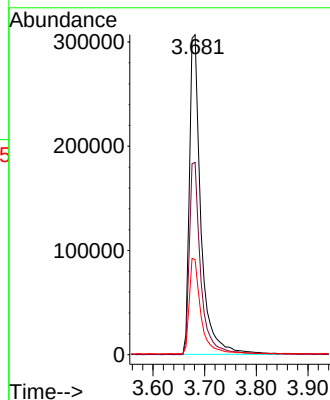
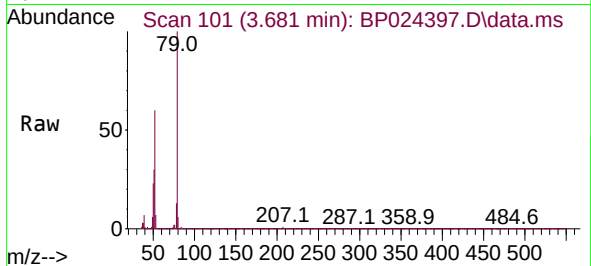




#3
Pyridine
Concen: 34.361 ng
RT: 3.681 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

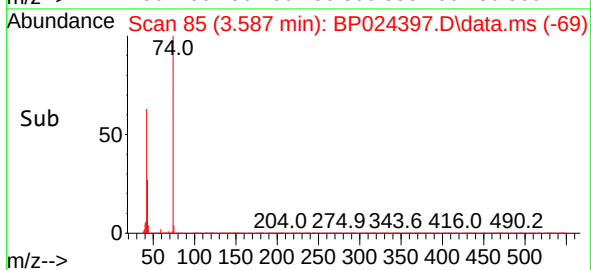
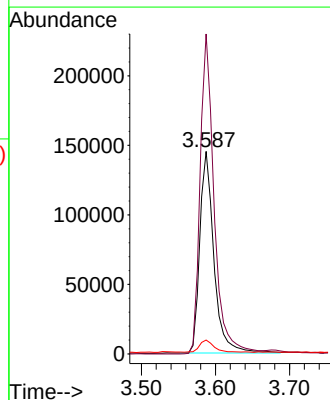
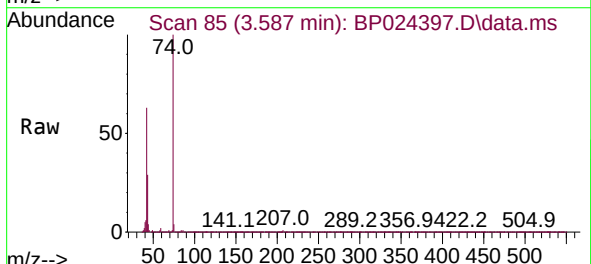
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

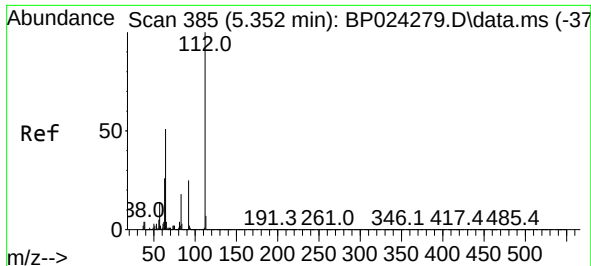
Tgt Ion: 79 Resp: 476498
Ion Ratio Lower Upper
79 100
52 60.1 45.4 68.2
51 29.7 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 41.713 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion: 42 Resp: 191979
Ion Ratio Lower Upper
42 100
74 158.0 139.5 209.3
44 6.9 5.8 8.8

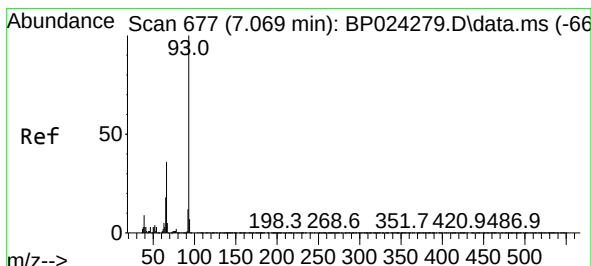
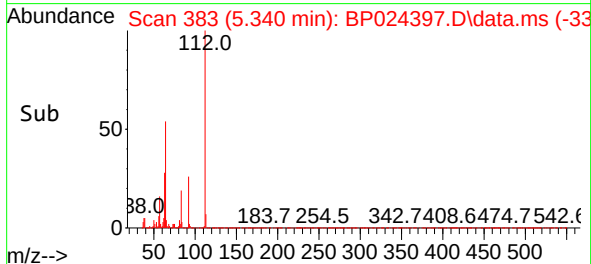
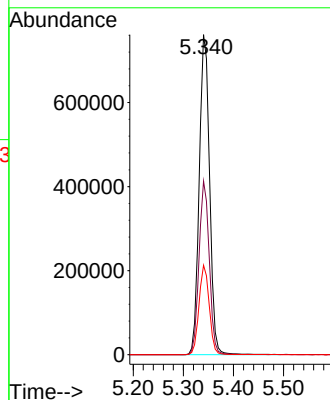
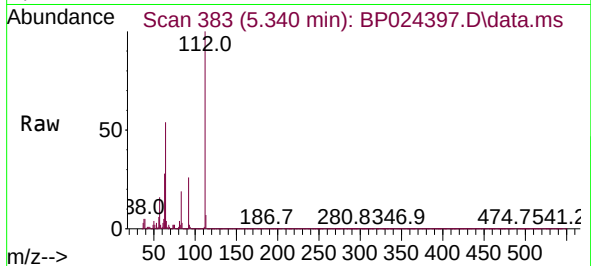




#5
2-Fluorophenol
Concen: 87.827 ng
RT: 5.340 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

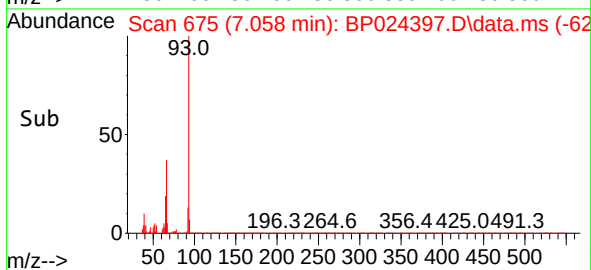
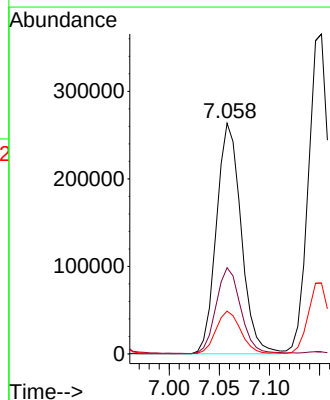
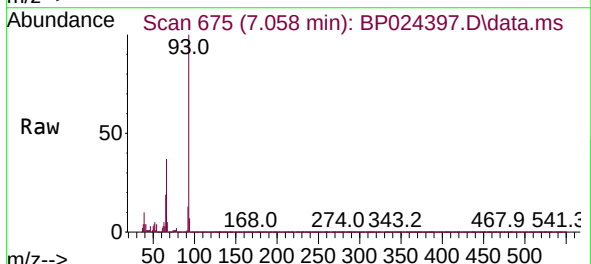
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

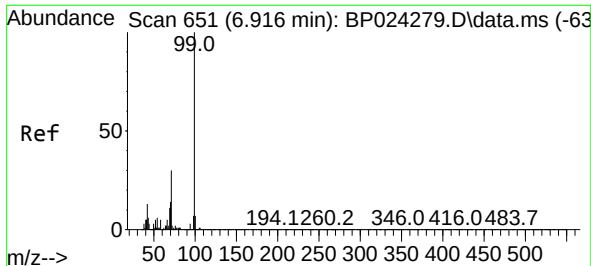
Tgt Ion:112 Resp: 1090457
Ion Ratio Lower Upper
112 100
64 54.3 41.1 61.7
63 28.0 20.6 30.8



#6
Aniline
Concen: 29.748 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion: 93 Resp: 451931
Ion Ratio Lower Upper
93 100
66 37.4 29.1 43.7
65 18.6 14.7 22.1





#7

Phenol-d6

Concen: 87.767 ng

RT: 6.905 min Scan# 649

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

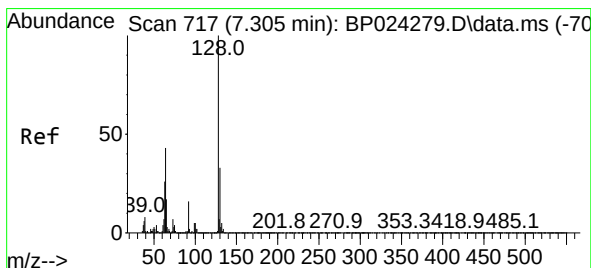
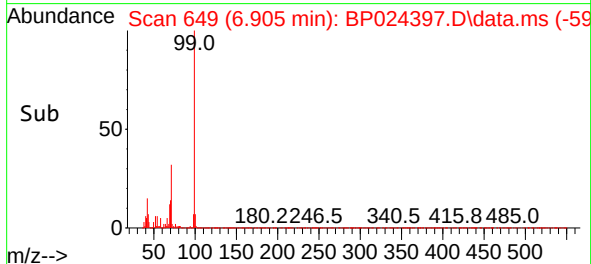
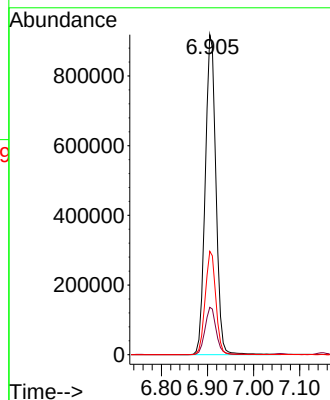
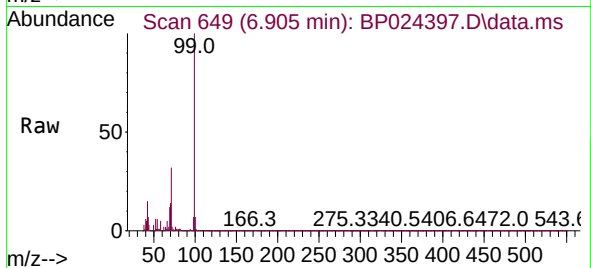
BNA_P

ClientSampleId :

PL-714-COMP-10MS

Tgt Ion: 99 Resp: 1492131

Ion	Ratio	Lower	Upper
99	100		
42	14.8	10.6	16.0
71	32.3	23.7	35.5



#8

2-Chlorophenol

Concen: 41.578 ng

RT: 7.293 min Scan# 715

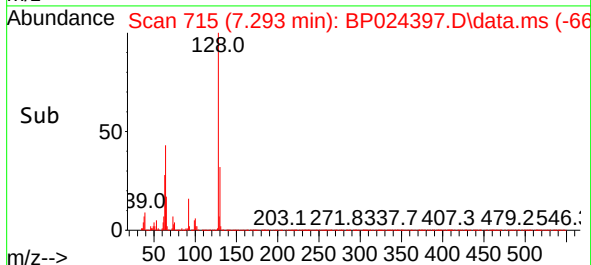
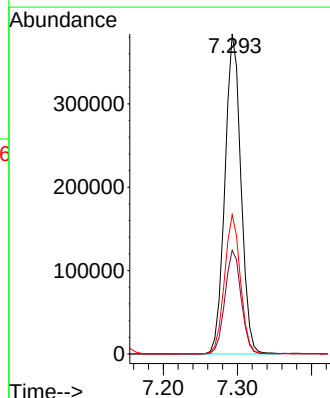
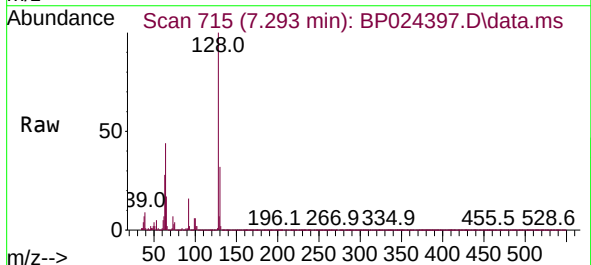
Delta R.T. -0.006 min

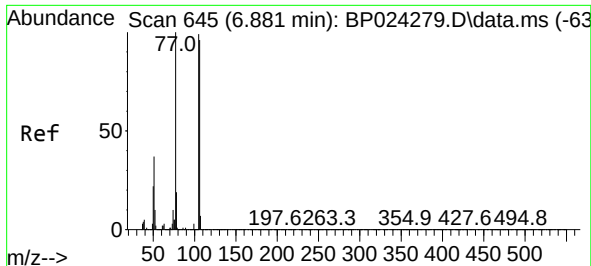
Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Tgt Ion:128 Resp: 576369

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	43.5	22.7	62.7

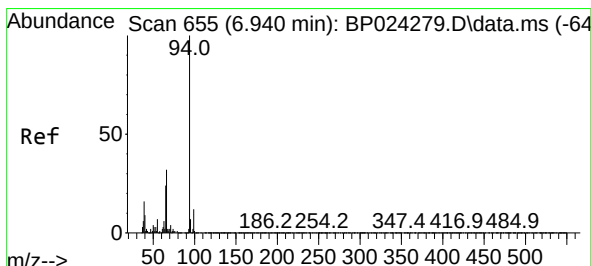
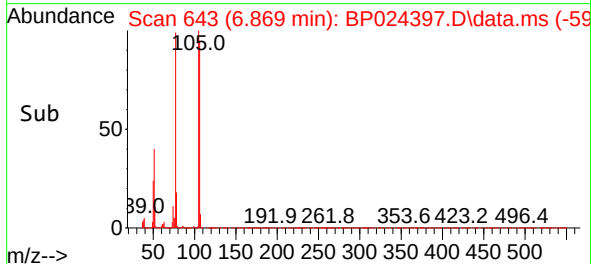
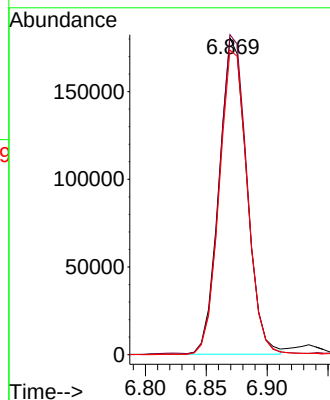
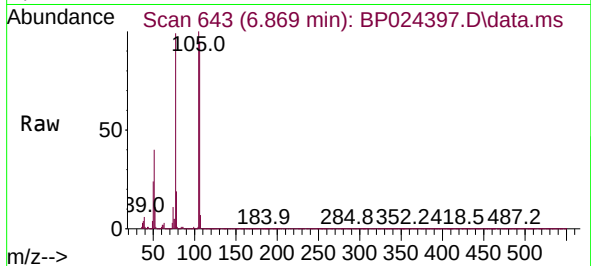




#9
Benzaldehyde
Concen: 33.850 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

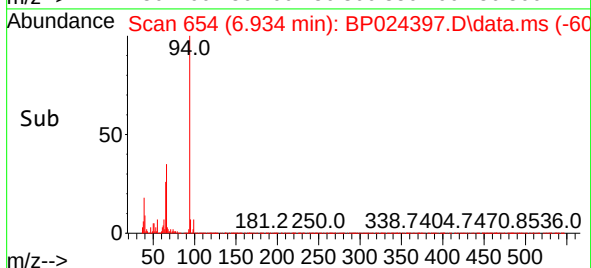
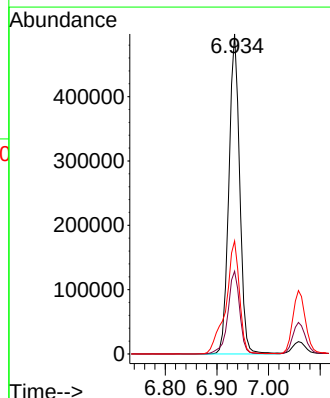
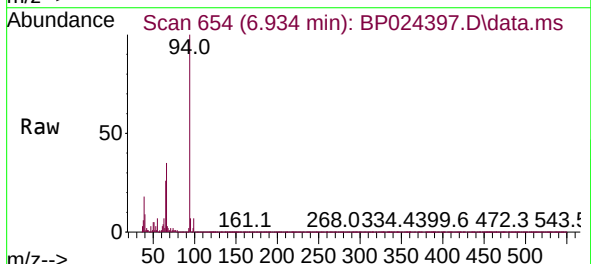
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

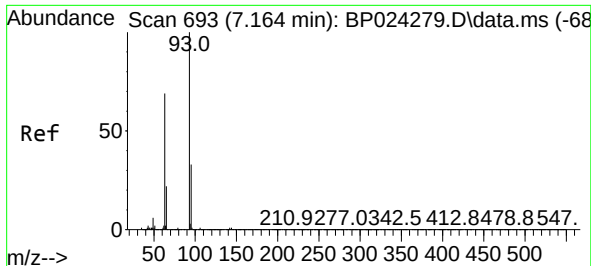
Tgt Ion: 77 Resp: 284671
Ion Ratio Lower Upper
77 100
105 101.1 79.2 119.2
106 96.2 76.2 116.2



#10
Phenol
Concen: 42.322 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion: 94 Resp: 721780
Ion Ratio Lower Upper
94 100
65 25.8 4.5 44.5
66 35.3 12.4 52.4





#11

bis(2-Chloroethyl)ether

Concen: 38.913 ng

RT: 7.152 min Scan# 691

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

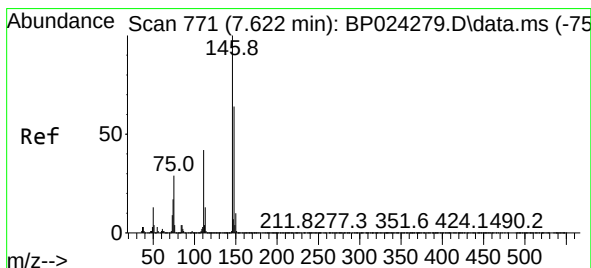
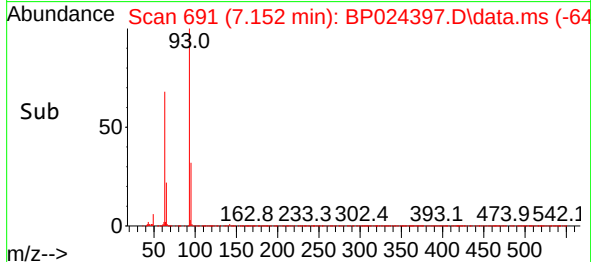
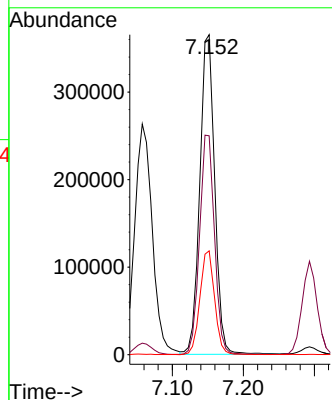
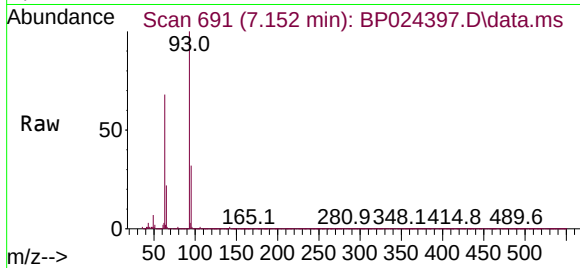
Tgt Ion: 93 Resp: 534701

Ion Ratio Lower Upper

93 100

63 68.4 48.6 88.6

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.794 ng

RT: 7.611 min Scan# 769

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

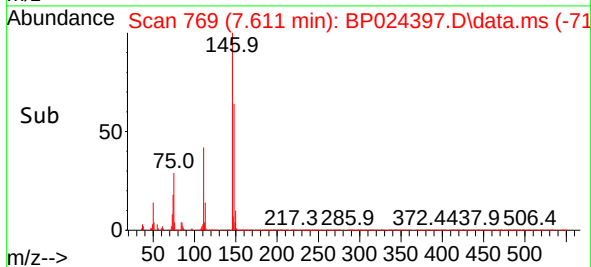
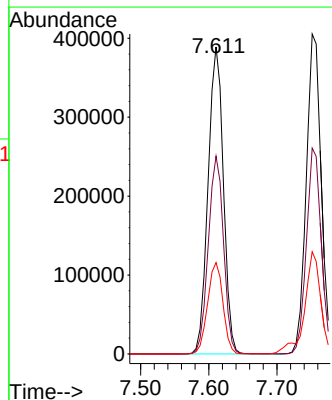
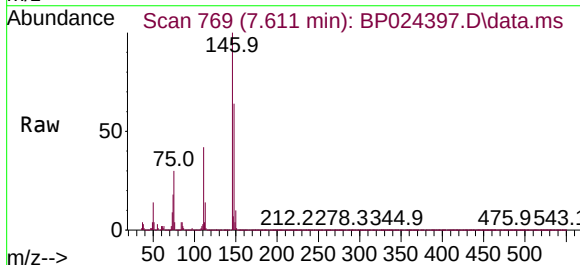
Tgt Ion:146 Resp: 608796

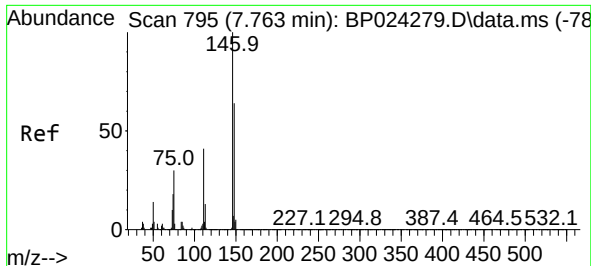
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

75 29.8 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 40.624 ng

RT: 7.752 min Scan# 795

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

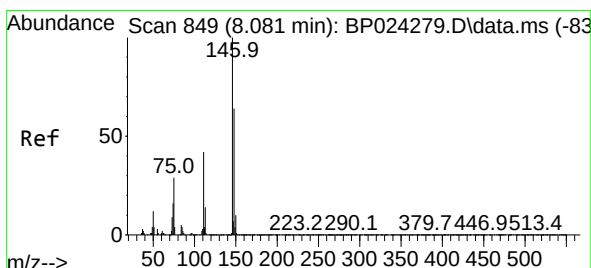
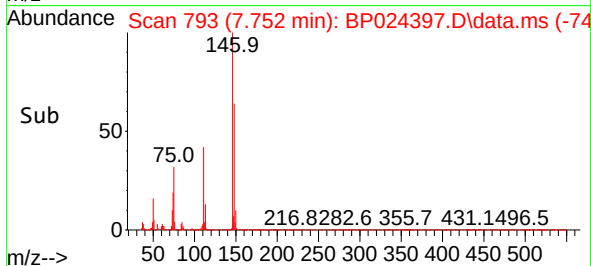
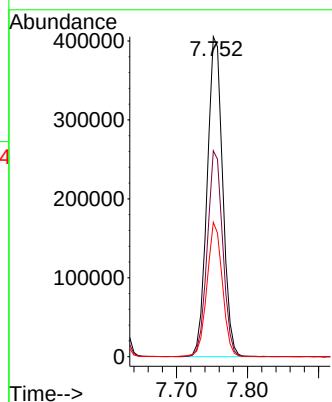
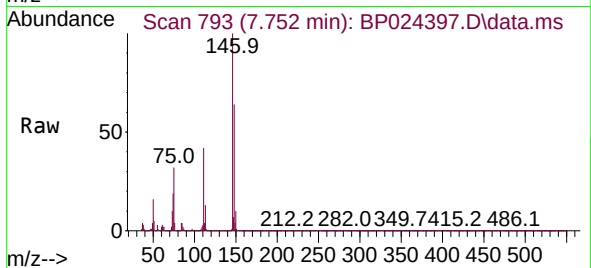
Tgt Ion:146 Resp: 615131

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

111 42.0 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.850 ng

RT: 8.069 min Scan# 847

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

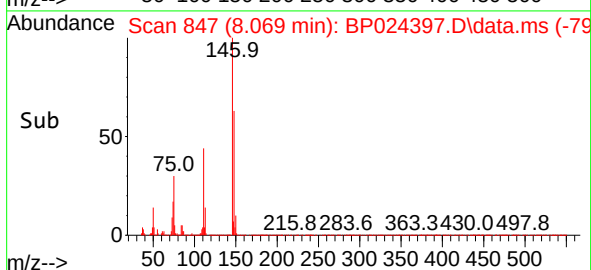
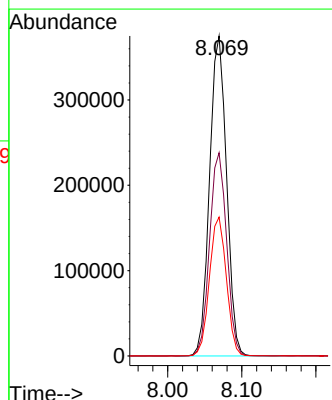
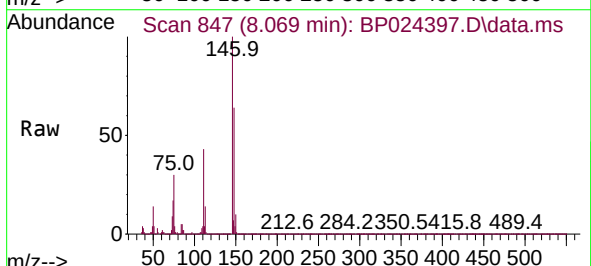
Tgt Ion:146 Resp: 597284

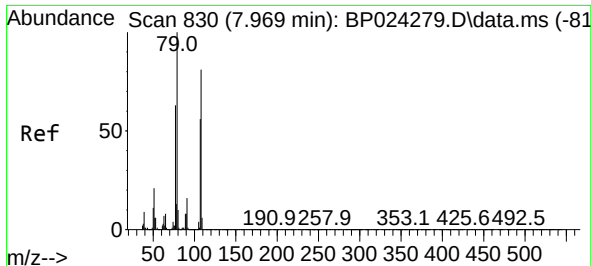
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

111 43.4 33.8 50.8

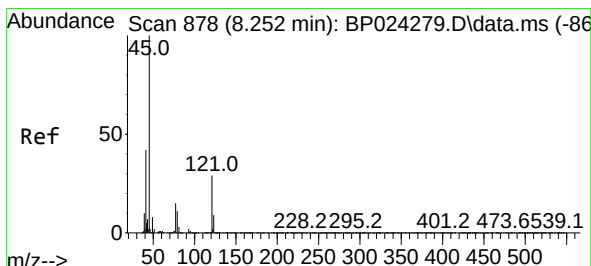
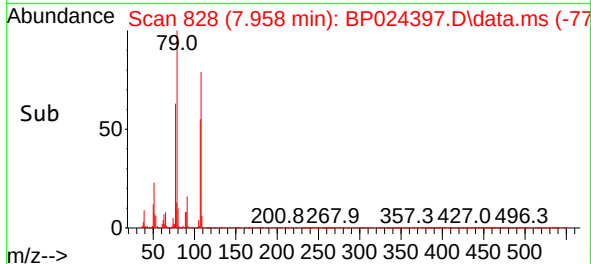
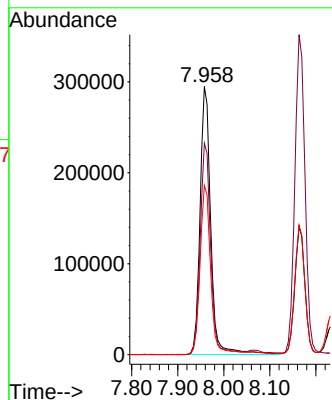
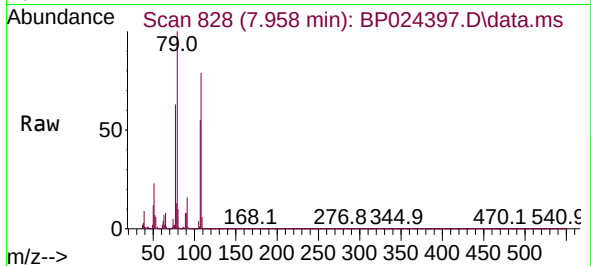




#15
Benzyl Alcohol
Concen: 43.140 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

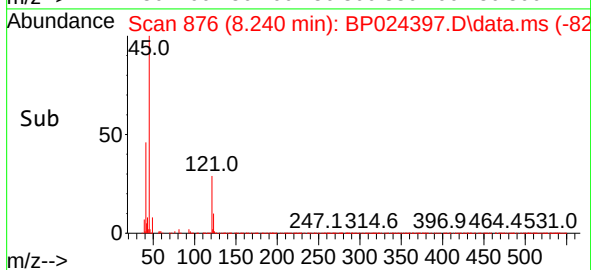
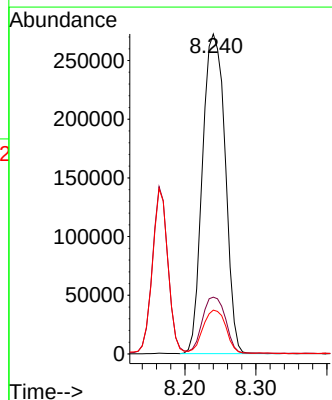
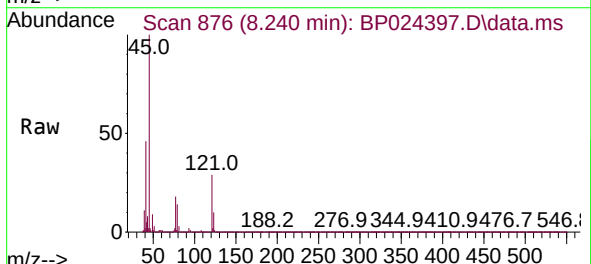
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

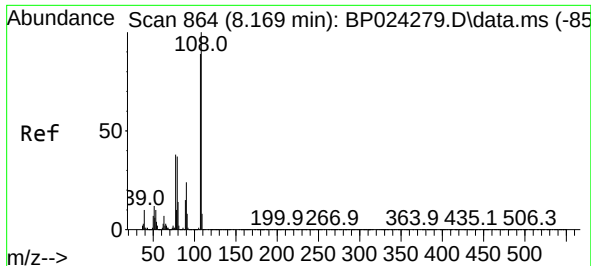
Tgt Ion: 79 Resp: 474306
Ion Ratio Lower Upper
79 100
108 78.9 65.1 97.7
77 63.1 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.701 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion: 45 Resp: 604513
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.7
79 13.7 0.0 33.5

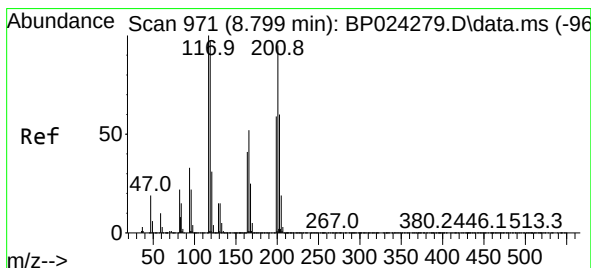
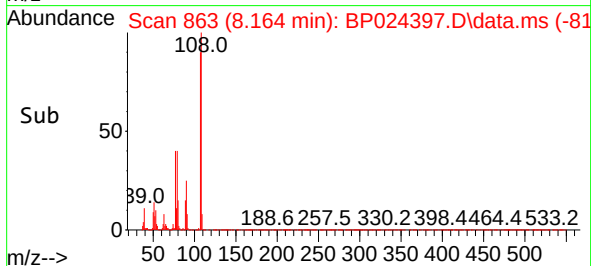
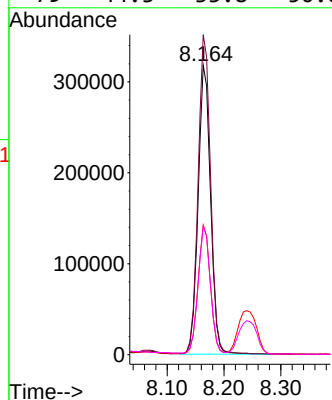
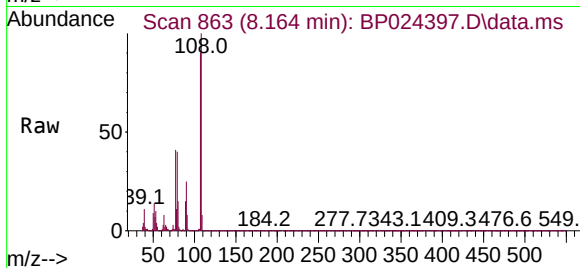




#17
2-Methylphenol
Concen: 43.846 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

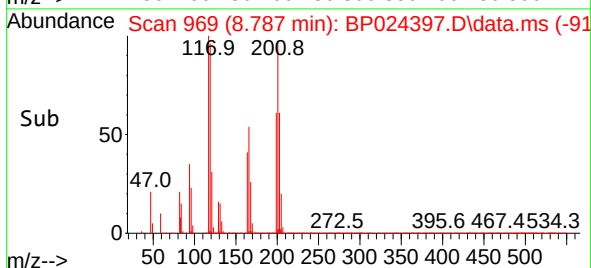
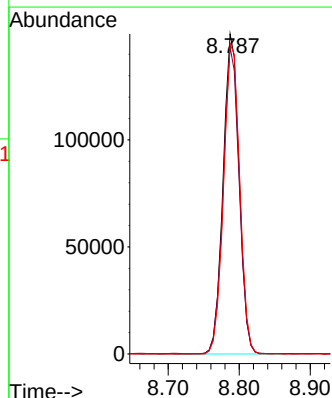
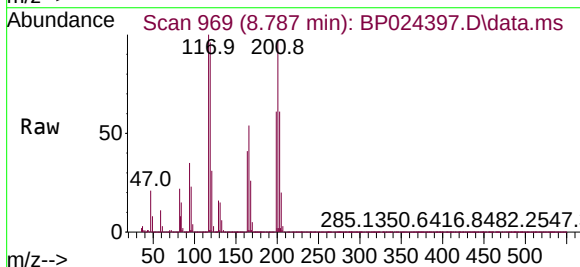
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

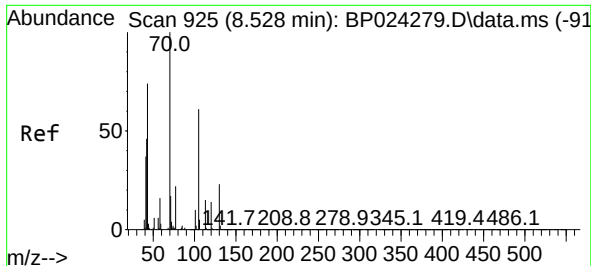
Tgt Ion:107 Resp: 483733
Ion Ratio Lower Upper
107 100
108 110.6 89.8 134.6
77 44.8 34.2 51.4
79 44.3 33.8 50.8



#18
Hexachloroethane
Concen: 42.680 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:117 Resp: 233553
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.6
201 97.0 75.9 113.9

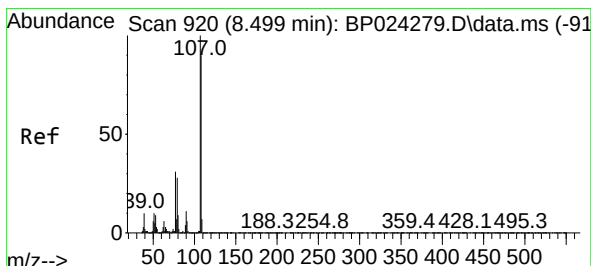
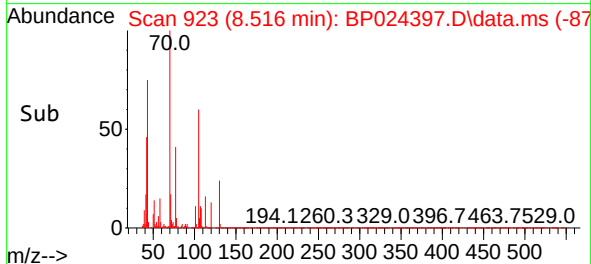
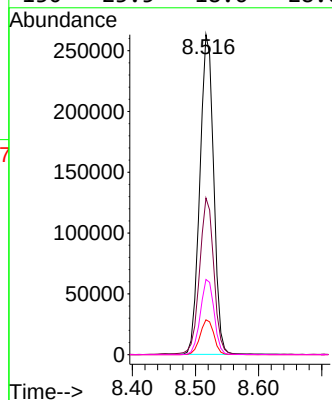
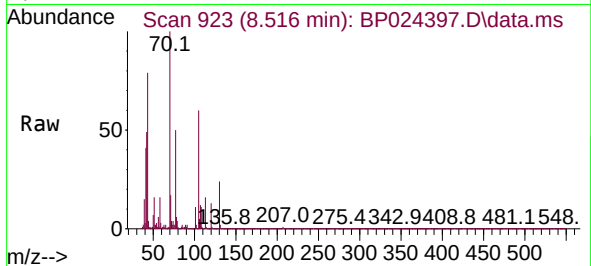




#19
n-Nitroso-di-n-propylamine
Concen: 37.997 ng
RT: 8.516 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

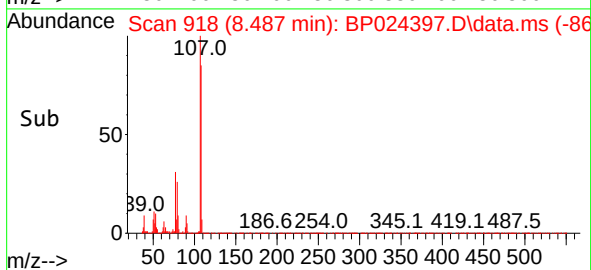
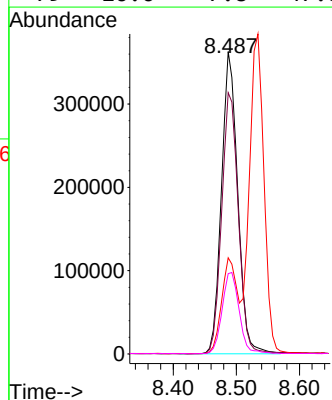
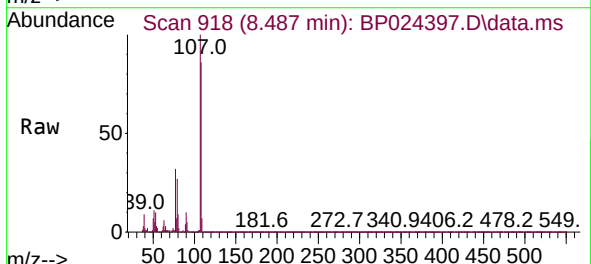
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

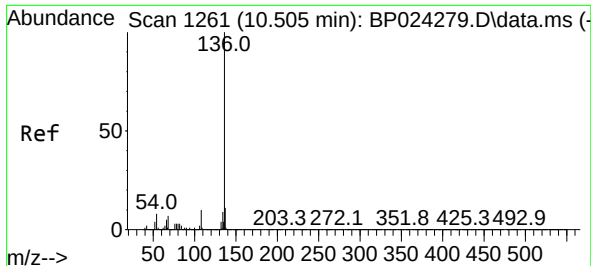
Tgt Ion: 70 Resp: 399647
Ion Ratio Lower Upper
70 100
42 49.0 37.3 55.9
101 10.9 8.2 12.4
130 23.5 18.6 28.0



#20
3+4-Methylphenols
Concen: 42.339 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion: 107 Resp: 648128
Ion Ratio Lower Upper
107 100
108 86.4 69.8 109.8
77 31.8 11.5 51.5
79 26.6 7.8 47.8

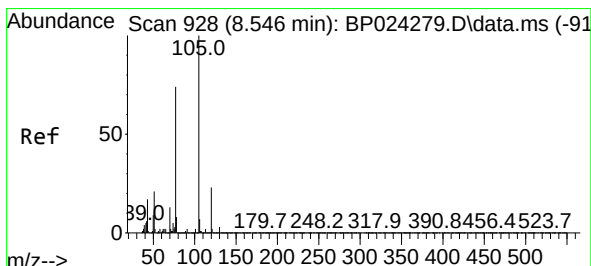
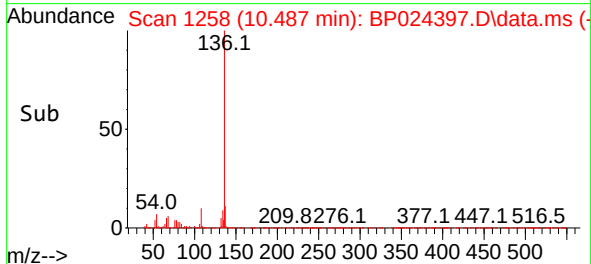
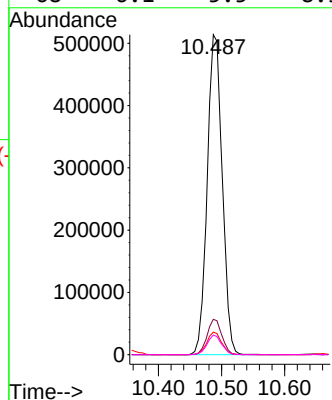
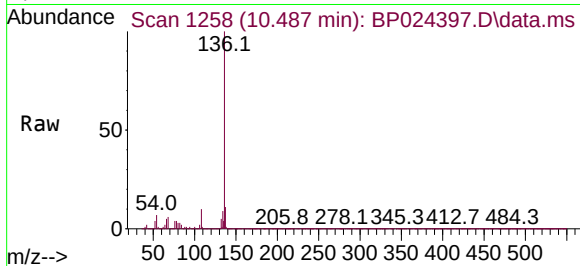




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

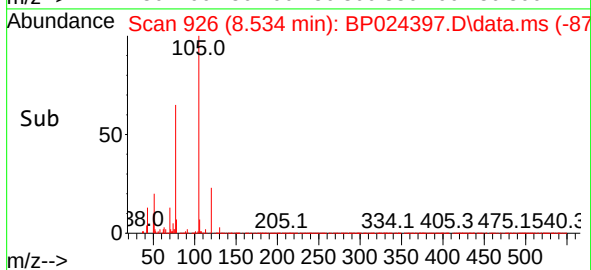
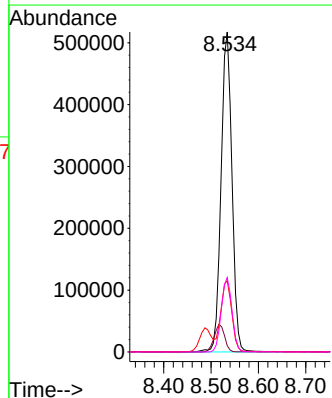
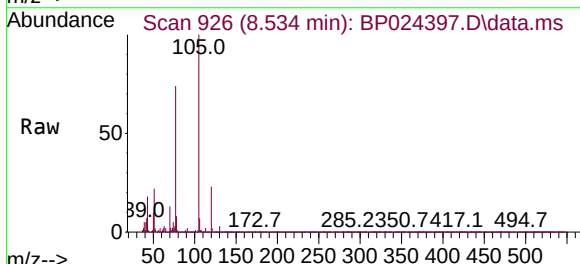
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

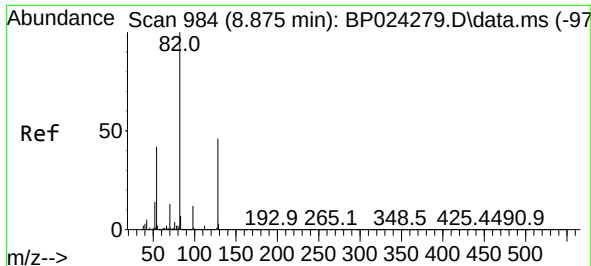
Tgt Ion:	136	Resp:	849860
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.1	6.0	9.0
68	6.1	5.5	8.3



#22
Acetophenone
Concen: 39.214 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:	105	Resp:	824854
Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.7	2.5
51	22.2	16.9	25.3
120	23.2	18.6	28.0

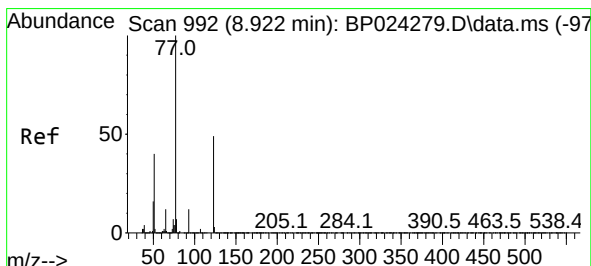
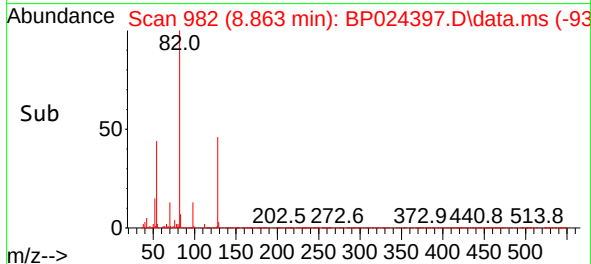
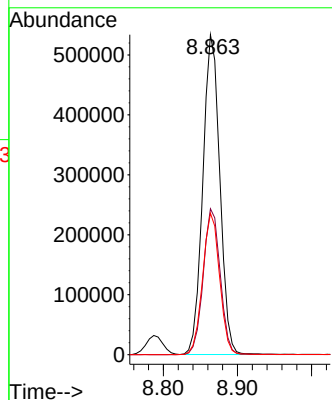
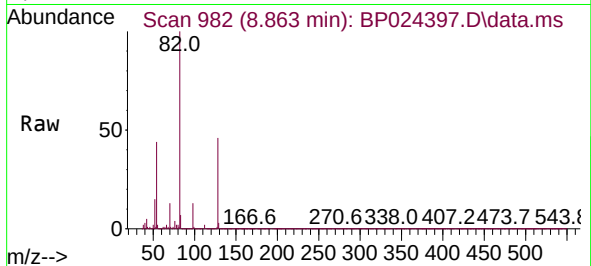




#23
Nitrobenzene-d5
Concen: 57.110 ng
RT: 8.863 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

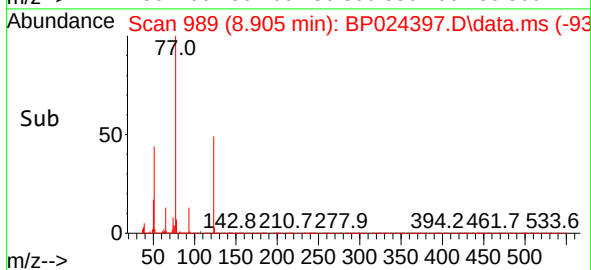
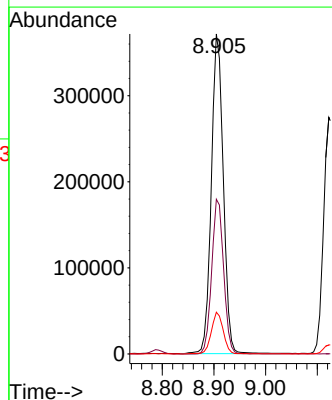
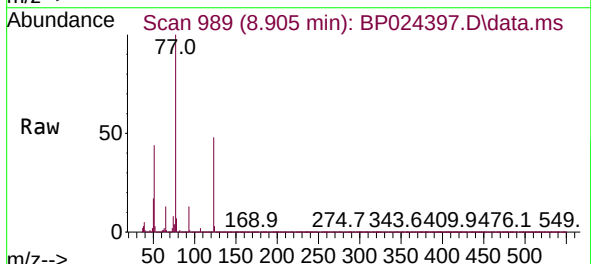
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

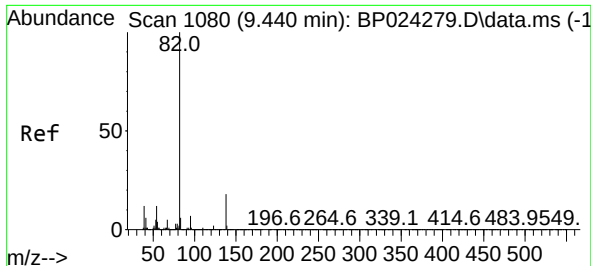
Tgt Ion: 82 Resp: 851178
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 44.2 33.4 50.2



#24
Nitrobenzene
Concen: 40.437 ng
RT: 8.905 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion: 77 Resp: 596214
Ion Ratio Lower Upper
77 100
123 48.4 39.2 58.8
65 13.1 9.8 14.6

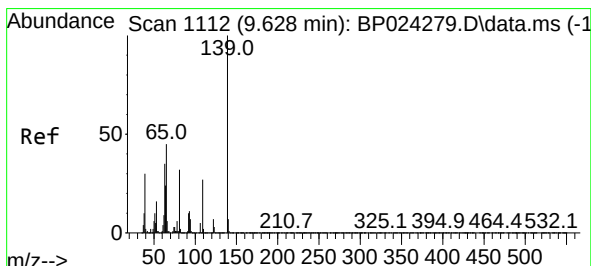
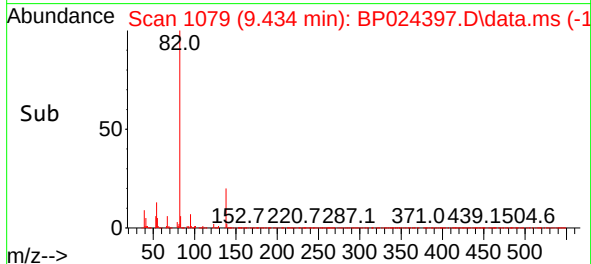
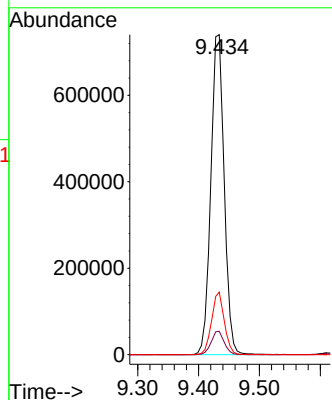
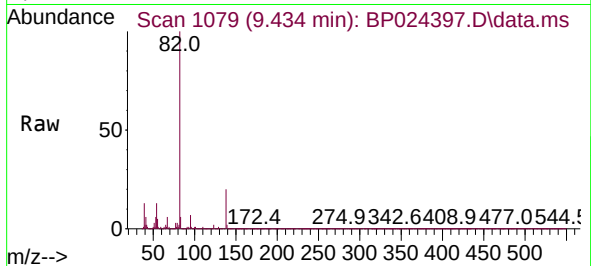




#25
Isophorone
Concen: 41.905 ng
RT: 9.434 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

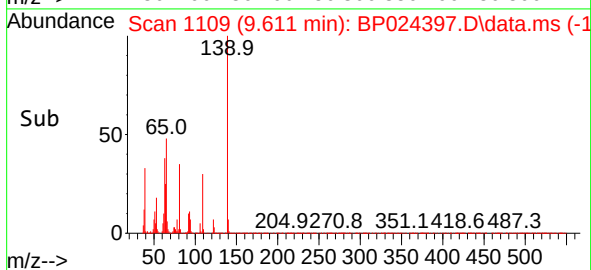
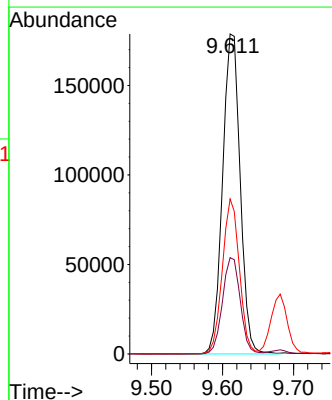
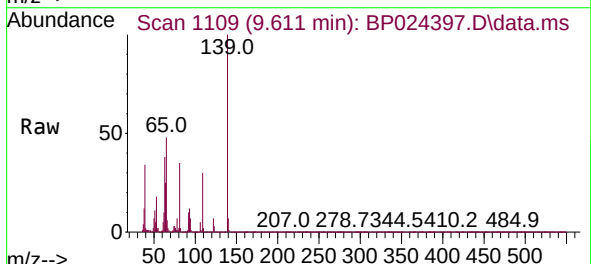
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

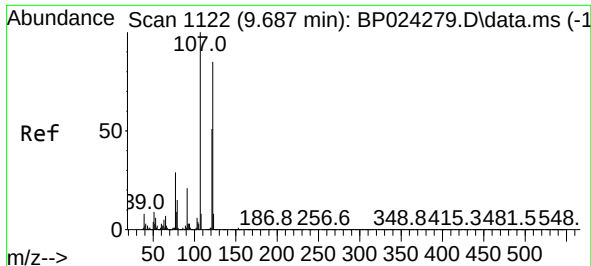
Tgt Ion: 82 Resp: 1130512
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 19.6 14.4 21.6



#26
2-Nitrophenol
Concen: 42.511 ng
RT: 9.611 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion: 139 Resp: 306732
Ion Ratio Lower Upper
139 100
109 30.1 21.8 32.6
65 48.4 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 59.826 ng

RT: 9.681 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

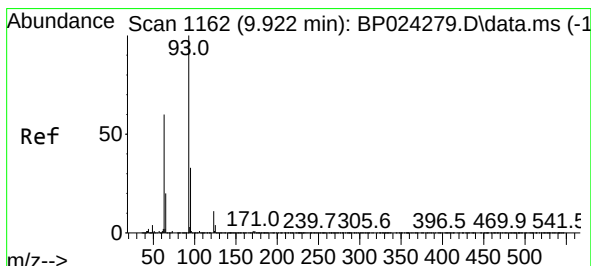
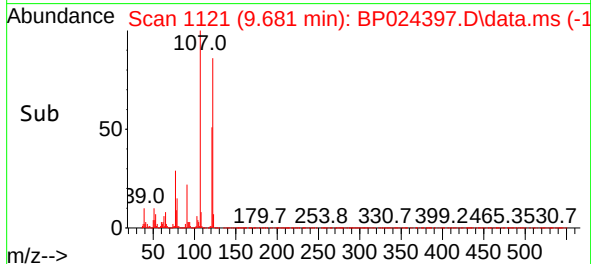
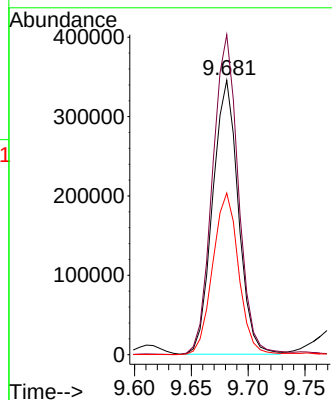
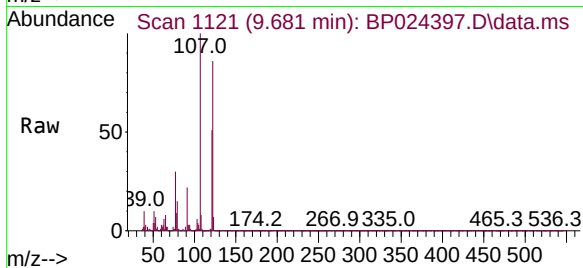
Tgt Ion:122 Resp: 542013

Ion Ratio Lower Upper

122 100

107 116.6 93.7 140.5

121 58.9 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.313 ng

RT: 9.905 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

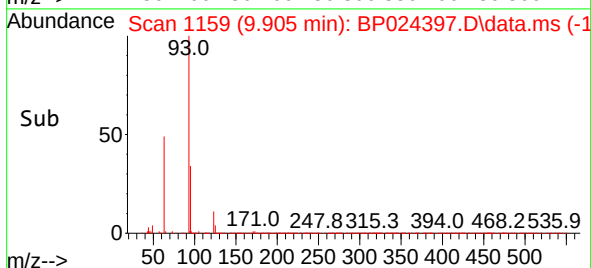
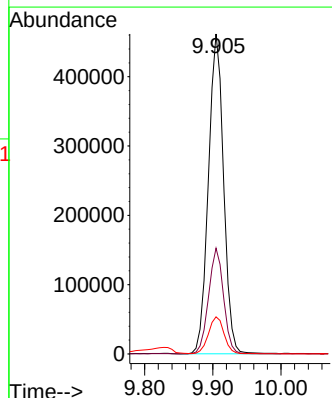
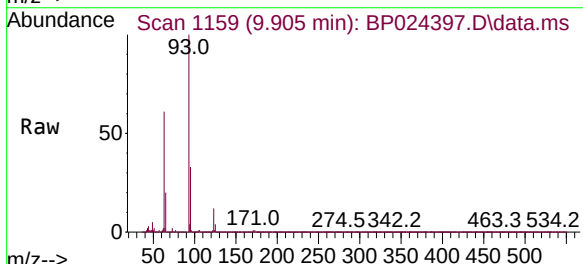
Tgt Ion: 93 Resp: 716454

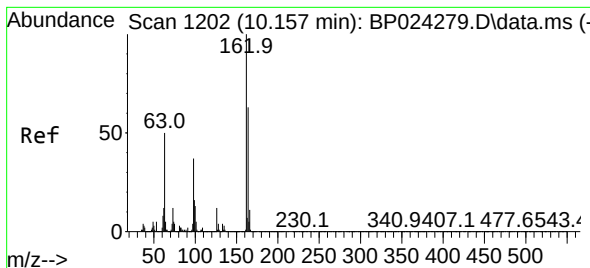
Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.148 ng

RT: 10.146 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

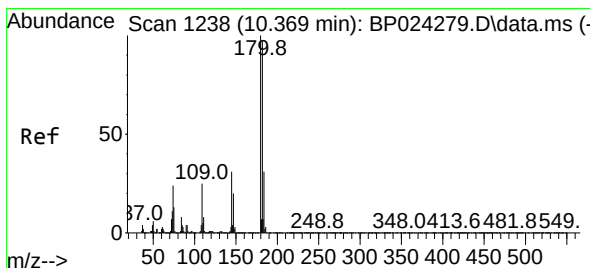
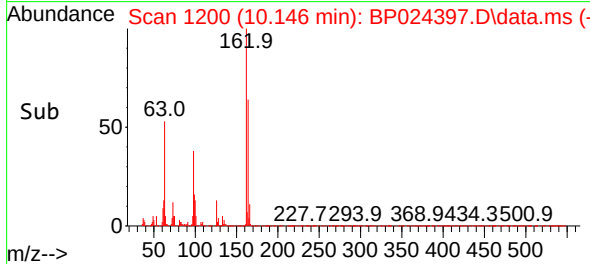
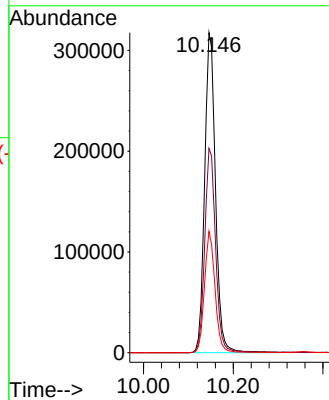
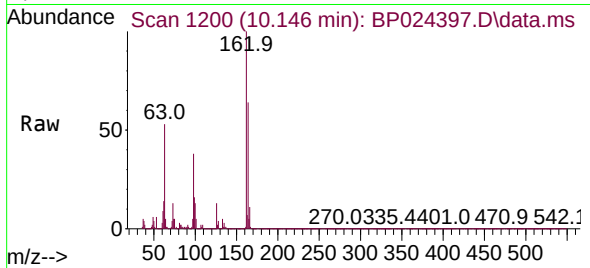
Tgt Ion:162 Resp: 533012

Ion Ratio Lower Upper

162 100

164 63.8 43.3 83.3

98 37.9 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 41.446 ng

RT: 10.358 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

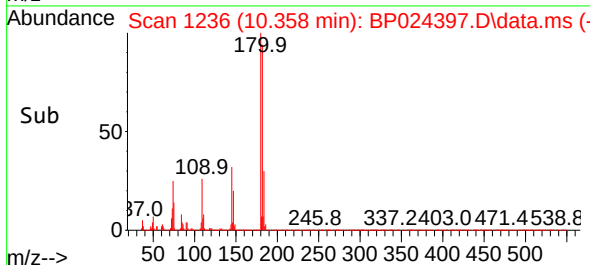
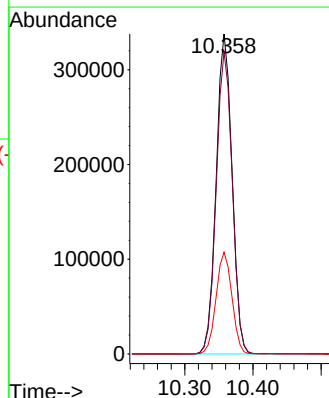
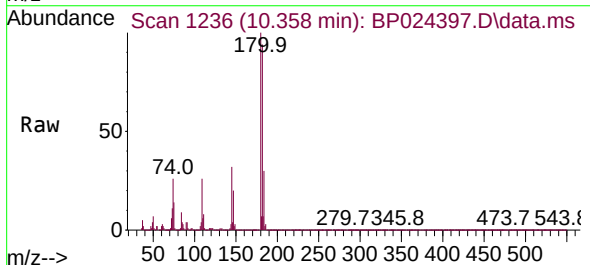
Tgt Ion:180 Resp: 548547

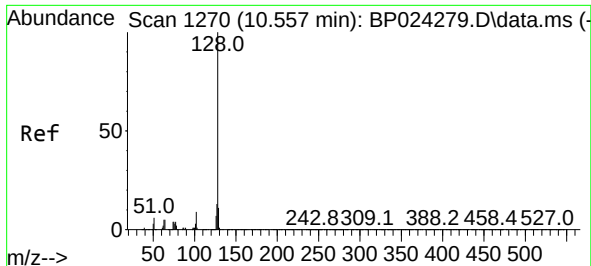
Ion Ratio Lower Upper

180 100

182 94.4 77.3 115.9

145 31.8 25.1 37.7

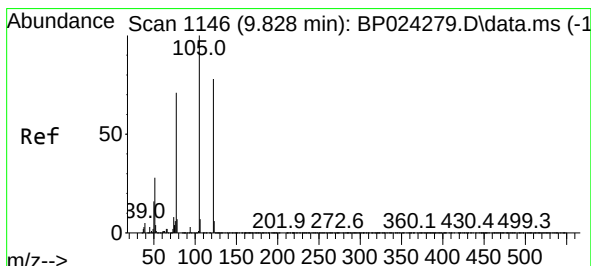
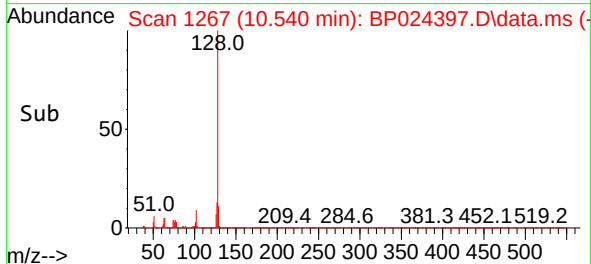
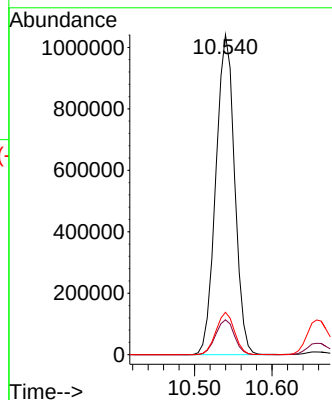
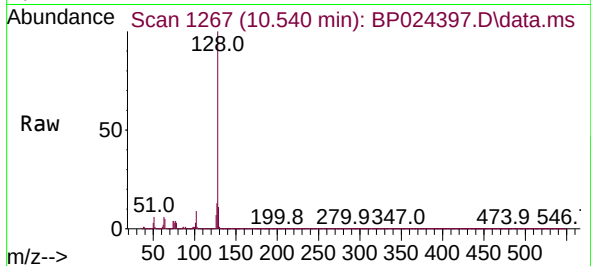




#31
Naphthalene
Concen: 39.130 ng
RT: 10.540 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

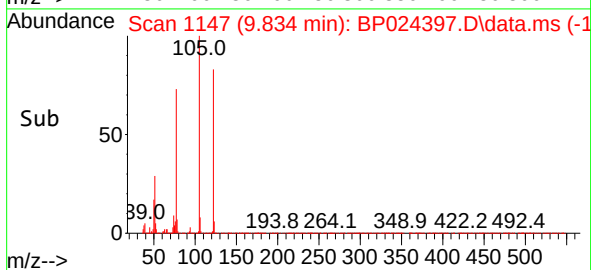
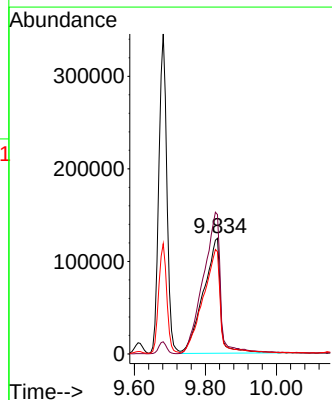
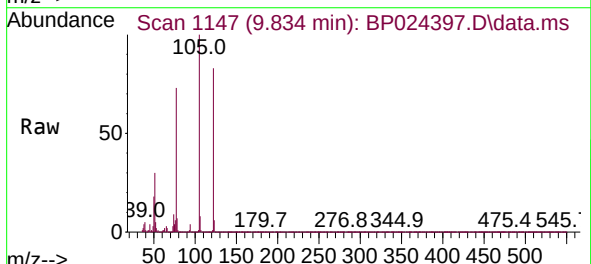
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

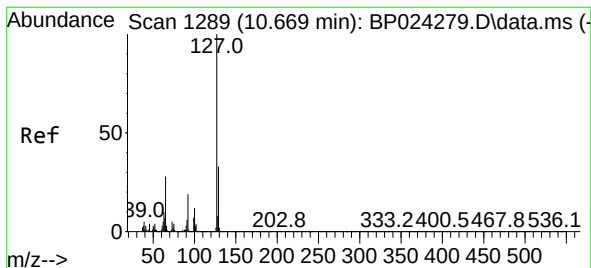
Tgt Ion:128 Resp: 1751731
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 39.620 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:122 Resp: 418253
Ion Ratio Lower Upper
122 100
105 120.5 104.8 144.8
77 88.4 69.2 109.2





#33

4-Chloroaniline

Concen: 15.737 ng

RT: 10.658 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

Tgt Ion:127 Resp: 248099

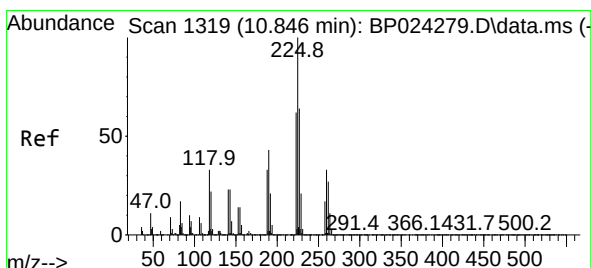
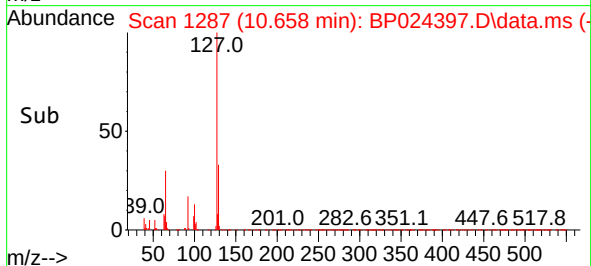
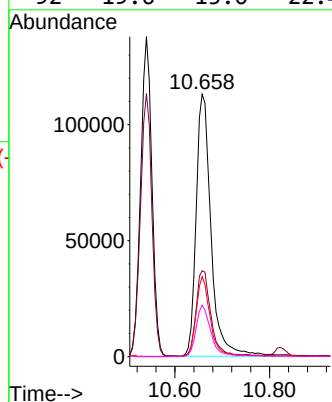
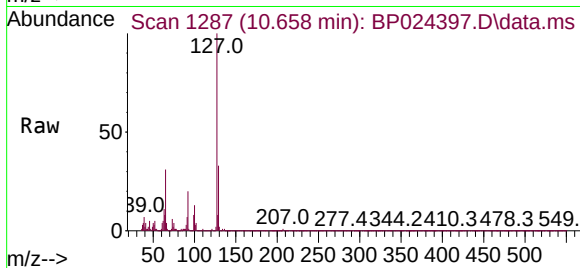
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 30.5 22.1 33.1

92 19.6 15.0 22.4



#34

Hexachlorobutadiene

Concen: 43.790 ng

RT: 10.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

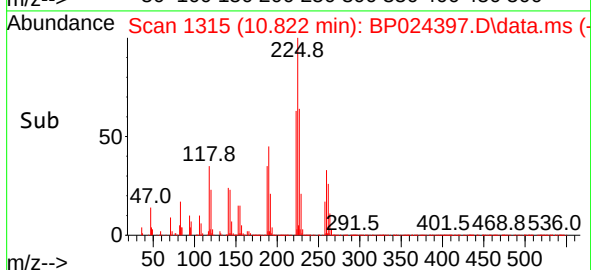
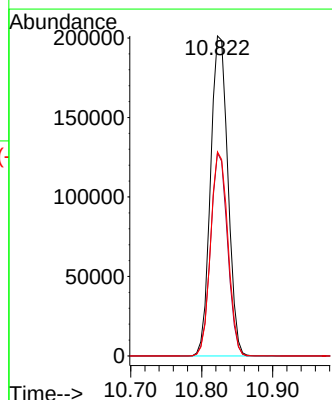
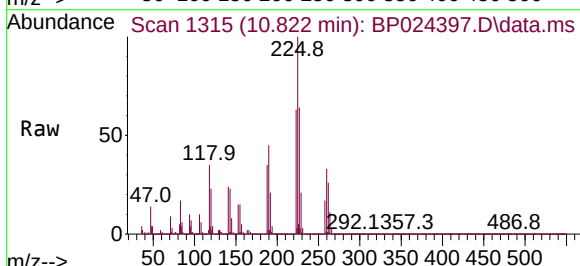
Tgt Ion:225 Resp: 340576

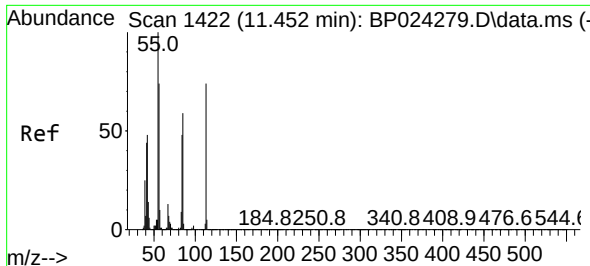
Ion Ratio Lower Upper

225 100

223 63.5 49.5 74.3

227 63.8 50.9 76.3

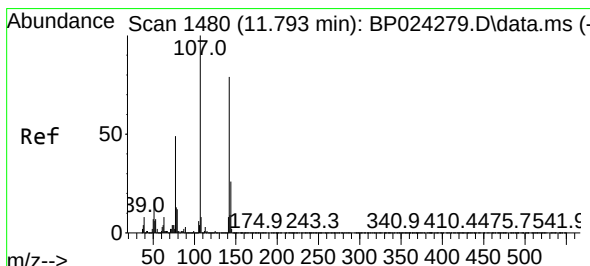
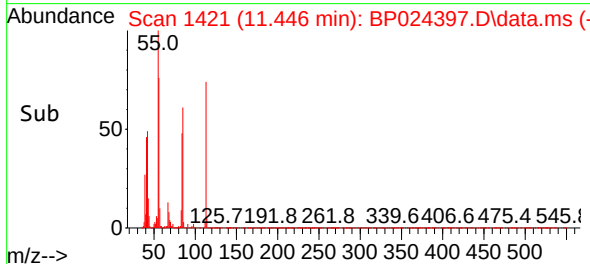
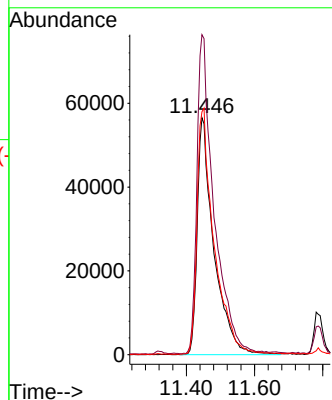
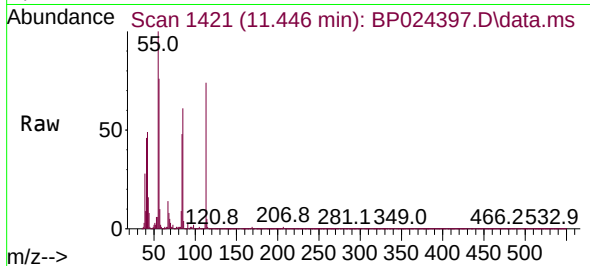




#35
Caprolactam
Concen: 41.925 ng
RT: 11.446 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

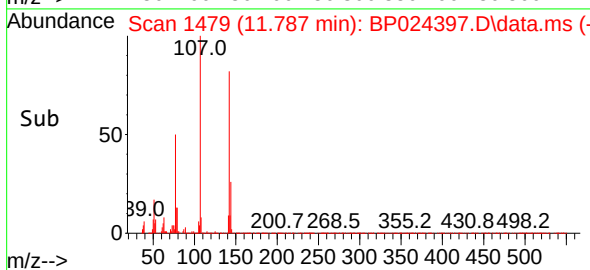
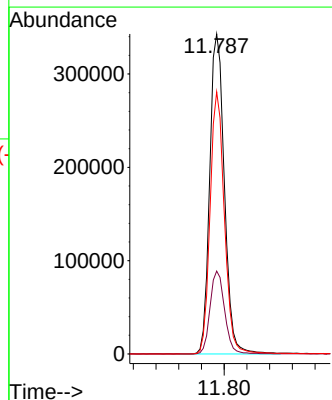
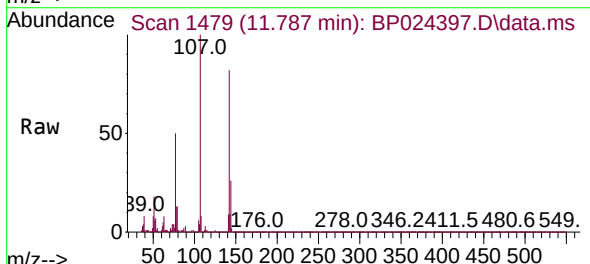
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

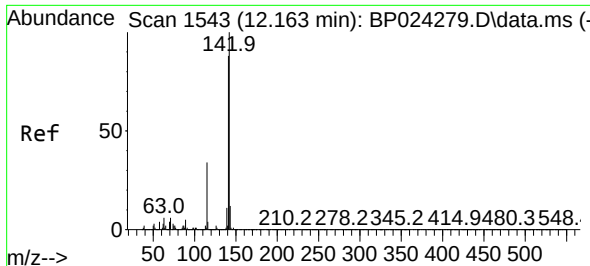
Tgt Ion:113 Resp: 191094
Ion Ratio Lower Upper
113 100
55 135.1 115.9 155.9
56 102.5 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 42.520 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:107 Resp: 611791
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 81.9 63.4 95.2

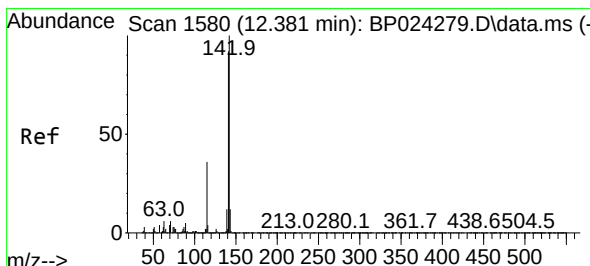
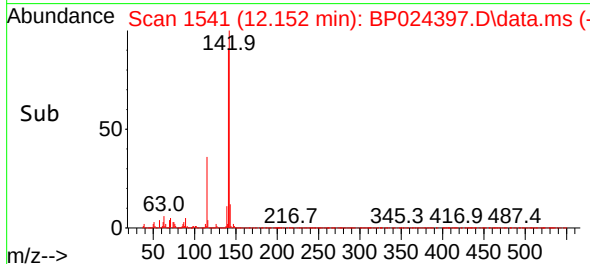
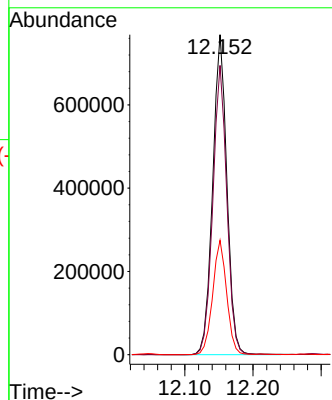
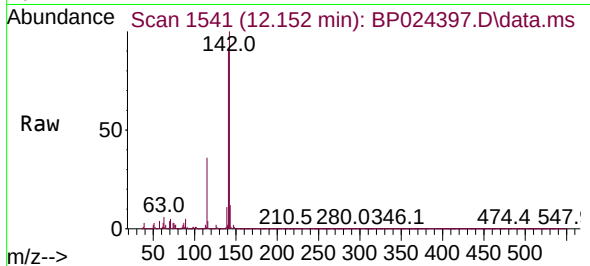




#37
2-Methylnaphthalene
Concen: 35.841 ng
RT: 12.152 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

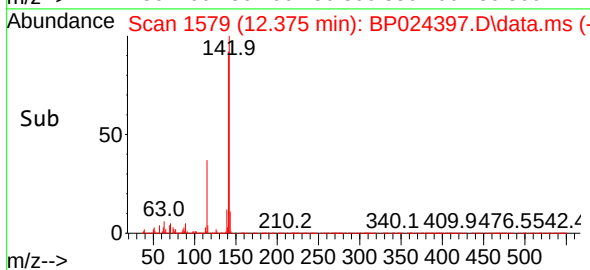
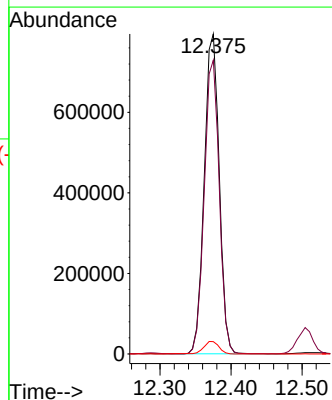
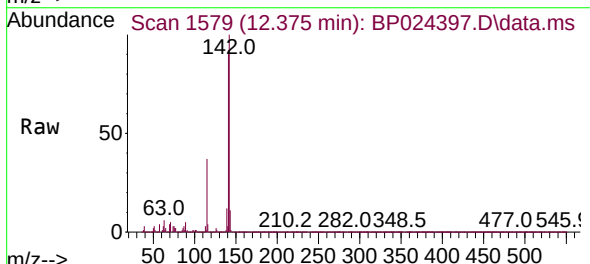
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

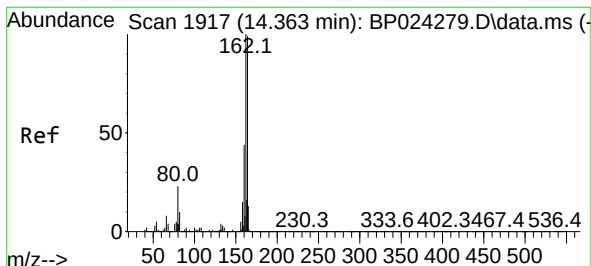
Tgt Ion:142 Resp: 1112770
Ion Ratio Lower Upper
142 100
141 90.4 70.3 105.5
115 35.8 26.9 40.3



#38
1-Methylnaphthalene
Concen: 38.384 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:142 Resp: 1165830
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4
116 3.9 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: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

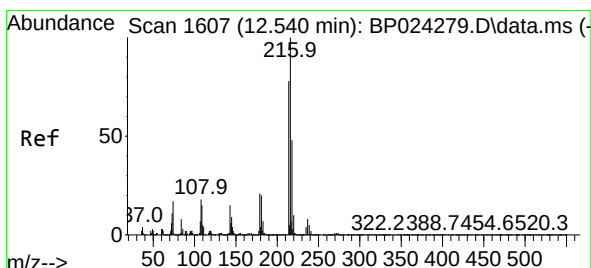
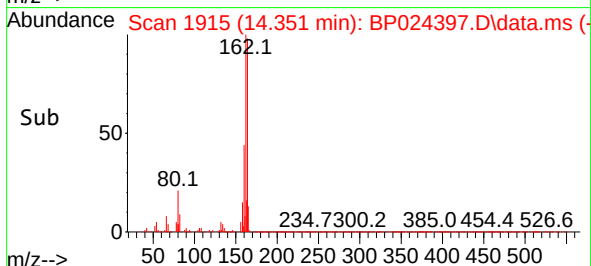
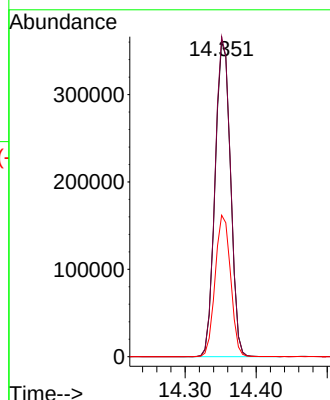
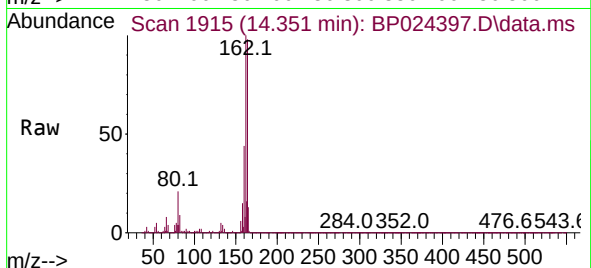
Tgt Ion:164 Resp: 544517

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

160 44.9 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.262 ng

RT: 12.528 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Tgt Ion:216 Resp: 617863

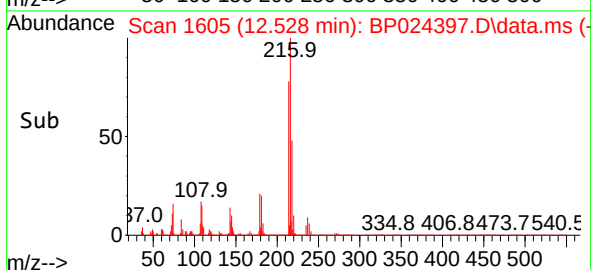
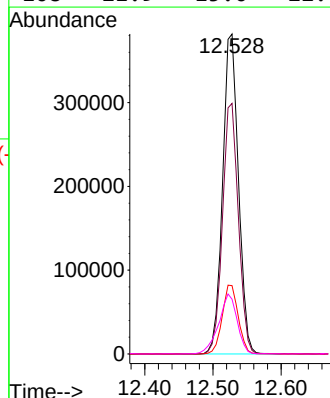
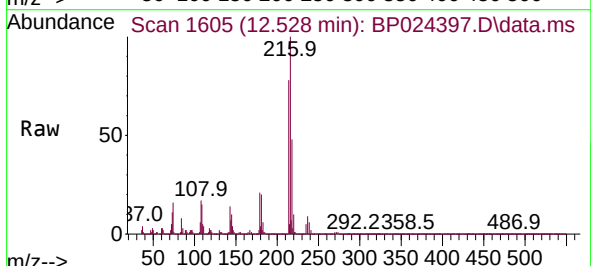
Ion Ratio Lower Upper

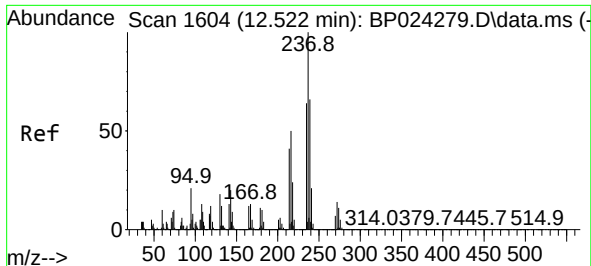
216 100

214 78.6 62.6 93.8

179 21.8 17.2 25.8

108 21.9 15.0 22.6

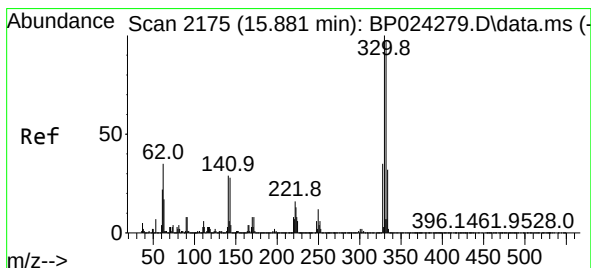
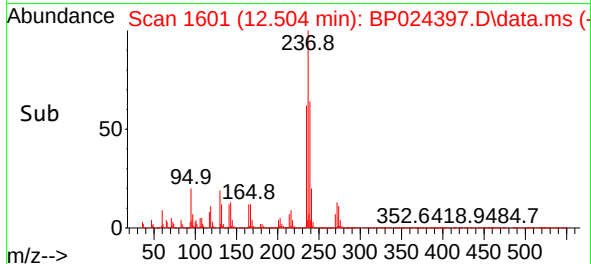
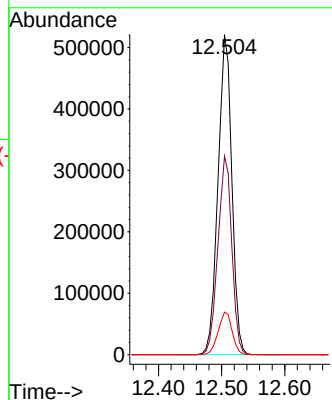
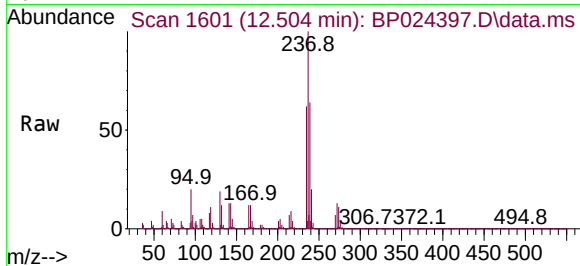




#41
Hexachlorocyclopentadiene
Concen: 148.987 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

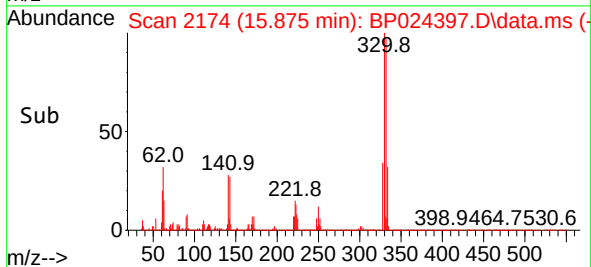
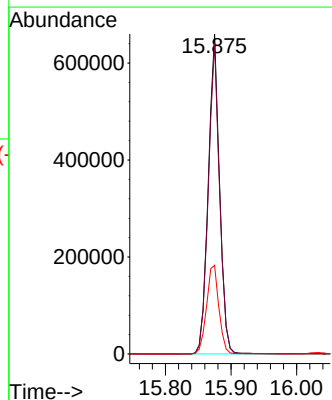
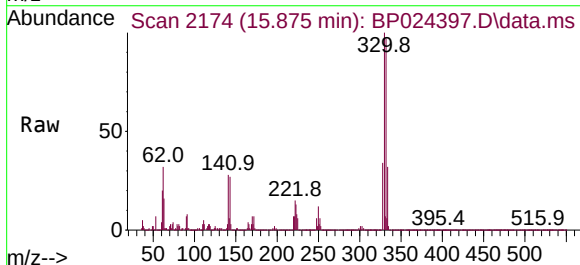
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

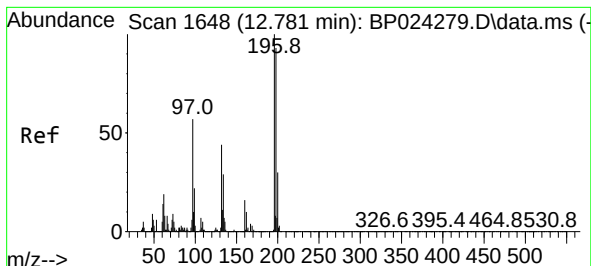
Tgt Ion:237 Resp: 789035
Ion Ratio Lower Upper
237 100
235 62.1 43.9 83.9
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 105.078 ng
RT: 15.875 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:330 Resp: 791622
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 30.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 43.950 ng

RT: 12.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

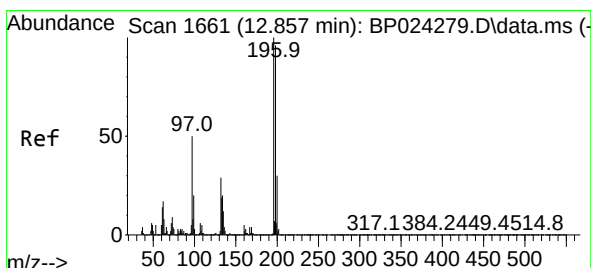
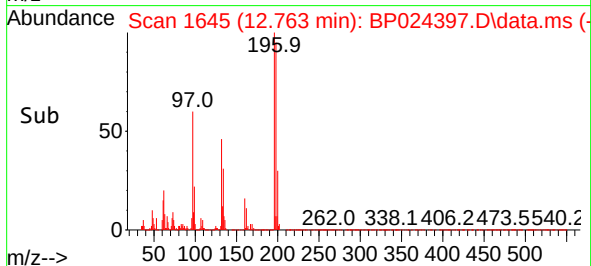
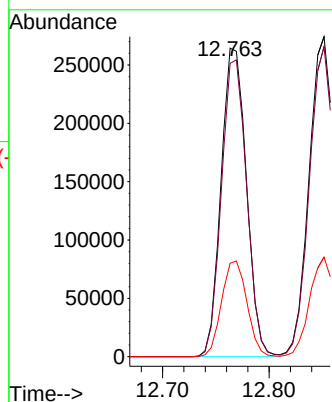
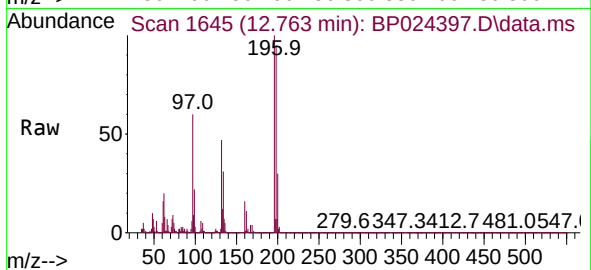
Tgt Ion:196 Resp: 437556

Ion Ratio Lower Upper

196 100

198 95.1 74.3 111.5

200 30.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 44.052 ng

RT: 12.852 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Tgt Ion:196 Resp: 485663

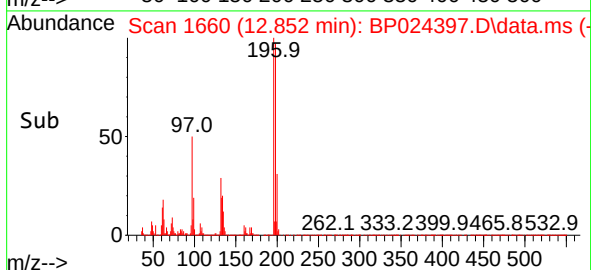
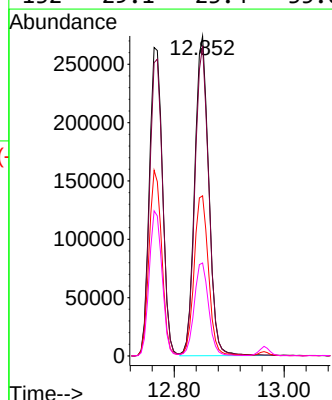
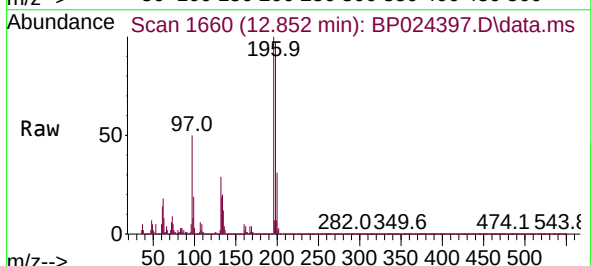
Ion Ratio Lower Upper

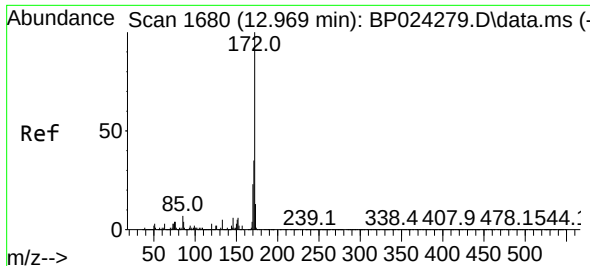
196 100

198 96.9 77.3 115.9

97 50.1 40.4 60.6

132 29.1 23.4 35.0



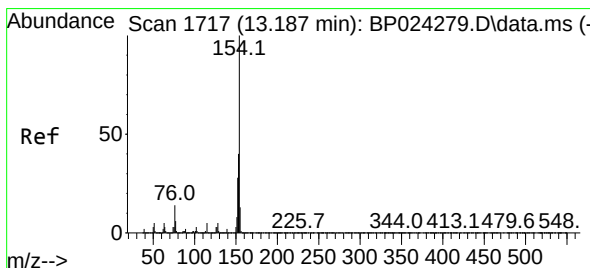
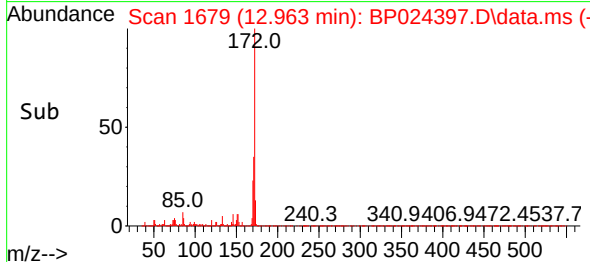
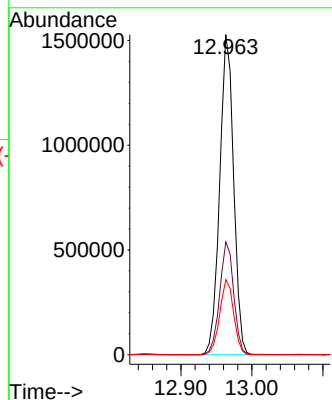
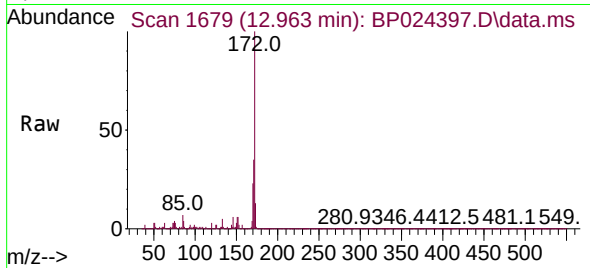


#45
2-Fluorobiphenyl
Concen: 58.286 ng
RT: 12.963 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

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

Tgt Ion:172 Resp: 2072853

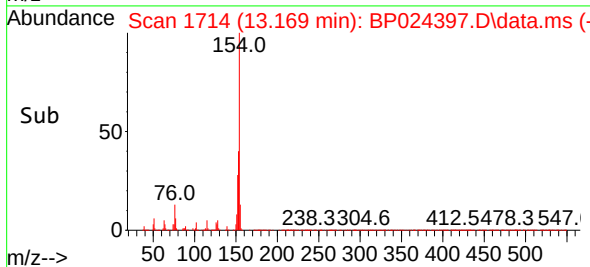
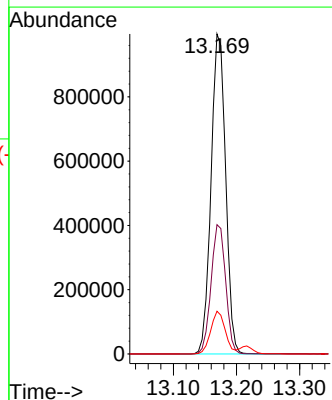
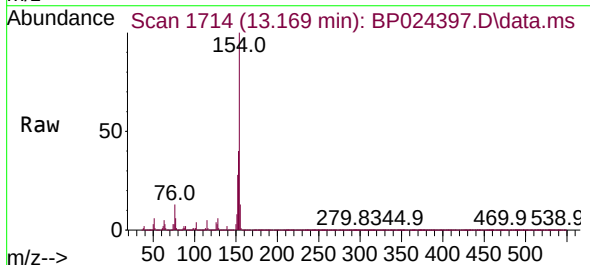
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.5	18.6	27.8

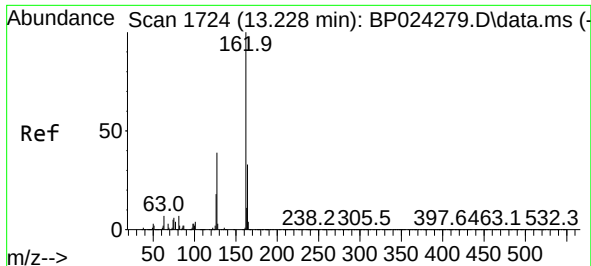


#46
1,1'-Biphenyl
Concen: 39.804 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:154 Resp: 1593152

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	13.4	0.0	33.5

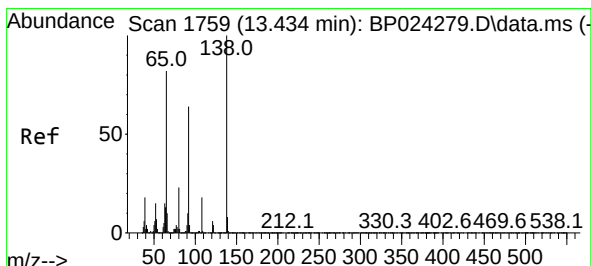
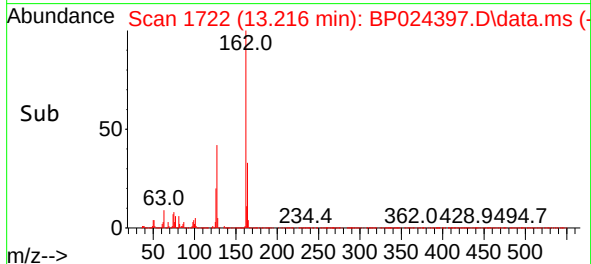
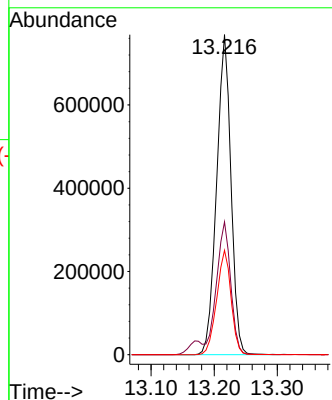
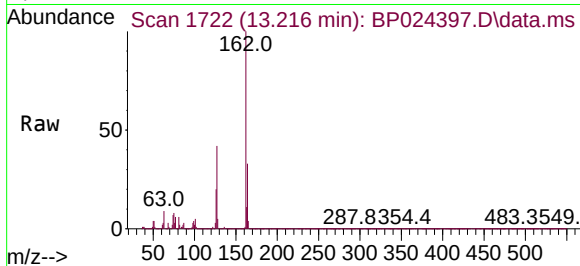




#47
2-Chloronaphthalene
Concen: 40.495 ng
RT: 13.216 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

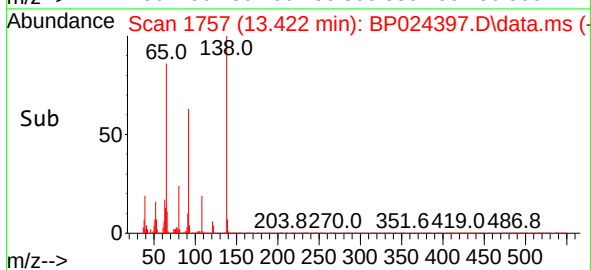
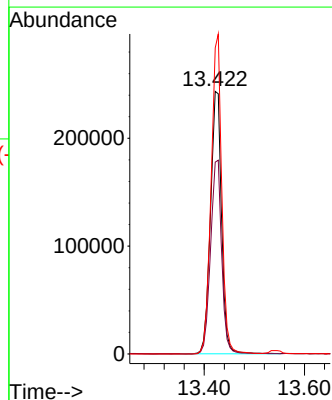
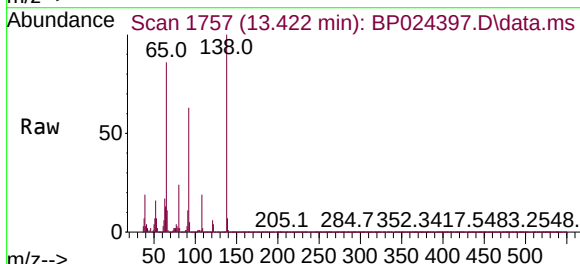
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

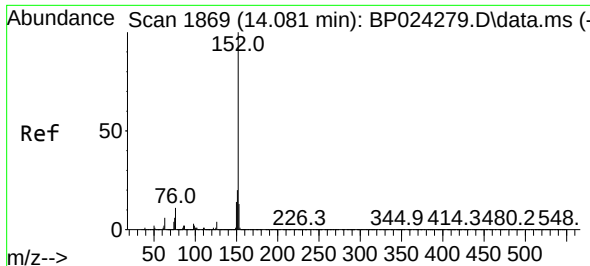
Tgt Ion:162 Resp: 1211373
Ion Ratio Lower Upper
162 100
127 41.5 31.9 47.9
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 44.507 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion: 65 Resp: 373457
Ion Ratio Lower Upper
65 100
92 73.0 62.3 93.5
138 116.6 97.2 145.8

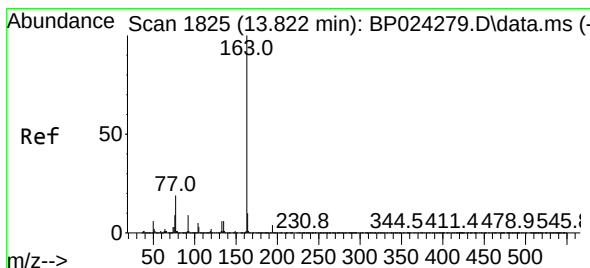
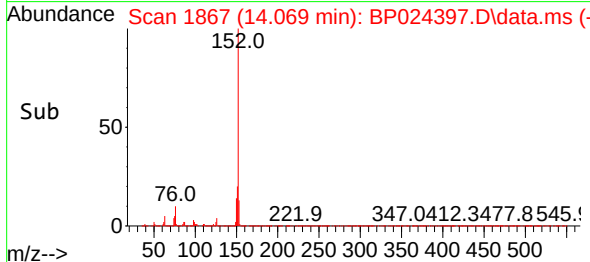
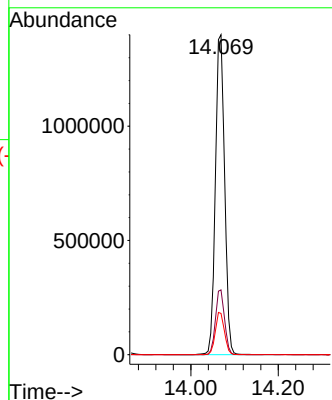
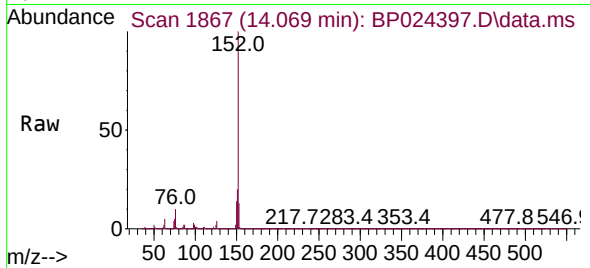




#49
Acenaphthylene
Concen: 43.736 ng
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

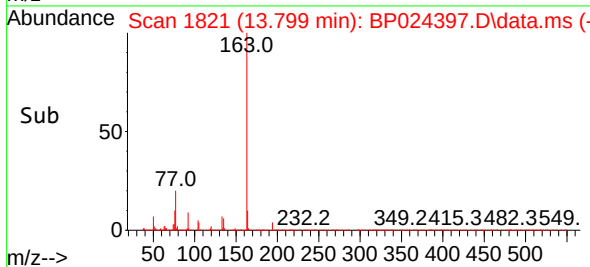
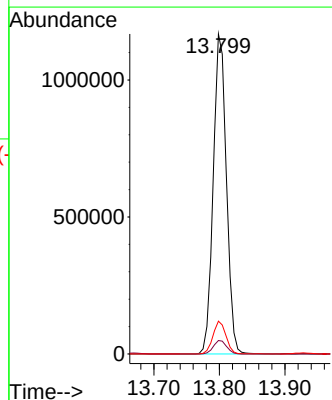
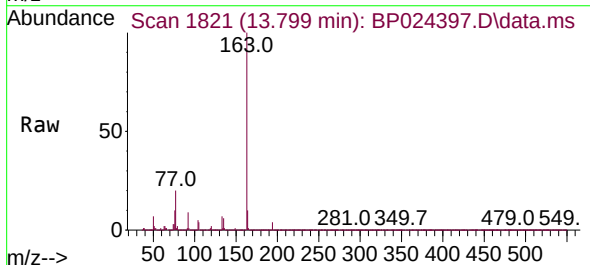
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

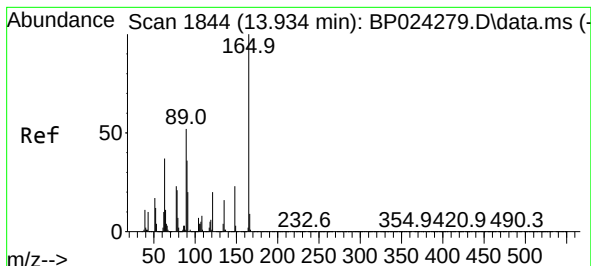
Tgt Ion:152 Resp: 2059851
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 41.102 ng
RT: 13.799 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:163 Resp: 1627584
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 8.0 12.0

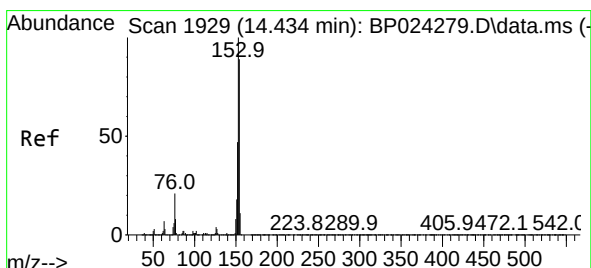
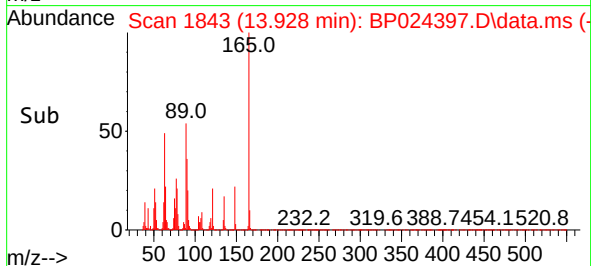
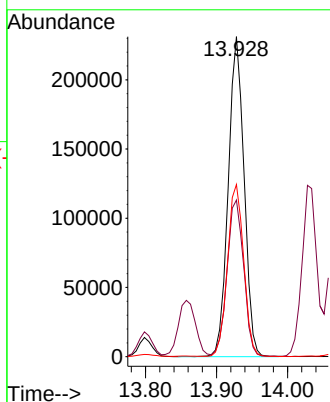
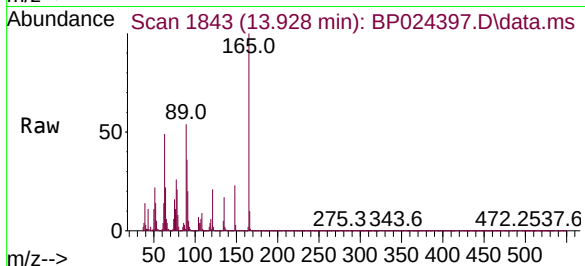




#51
2,6-Dinitrotoluene
Concen: 42.570 ng
RT: 13.928 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

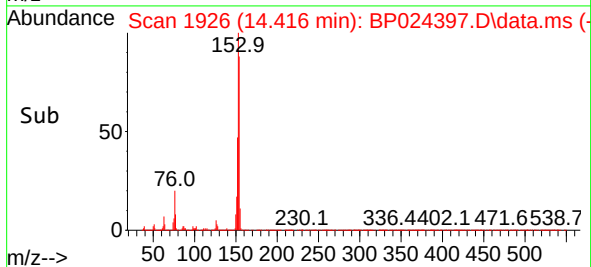
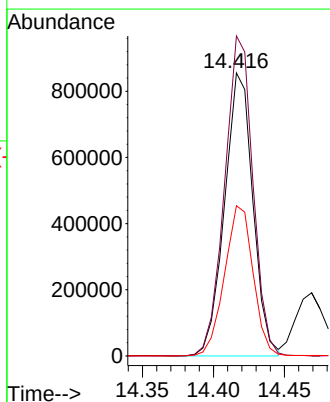
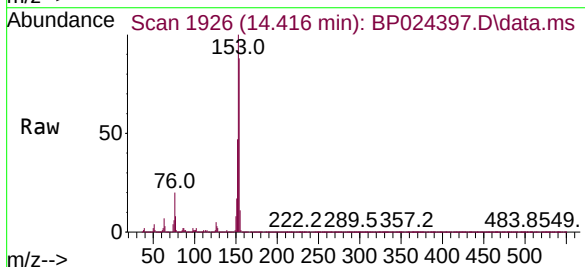
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

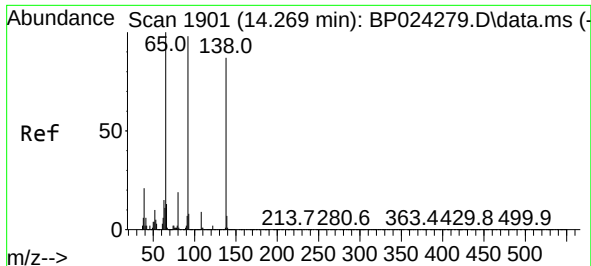
Tgt Ion:165 Resp: 357955
Ion Ratio Lower Upper
165 100
63 49.0 38.0 57.0
89 53.8 41.7 62.5



#52
Acenaphthene
Concen: 39.725 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:154 Resp: 1186129
Ion Ratio Lower Upper
154 100
153 113.1 89.8 134.6
152 53.1 42.6 63.8

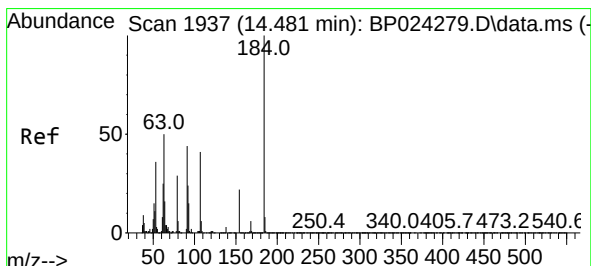
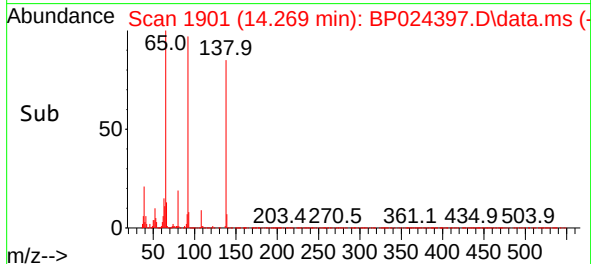
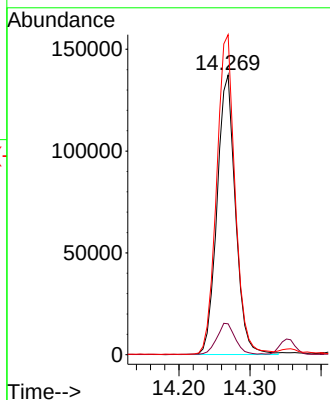
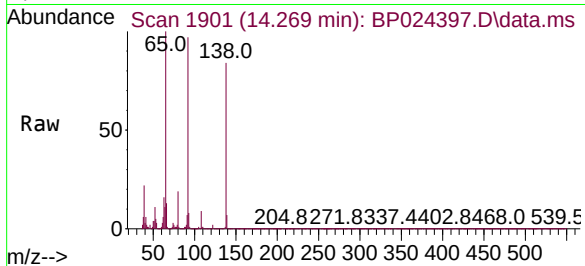




#53
3-Nitroaniline
Concen: 27.948 ng
RT: 14.269 min Scan# 1901
Delta R.T. 0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

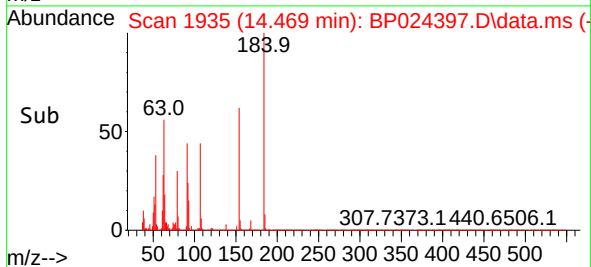
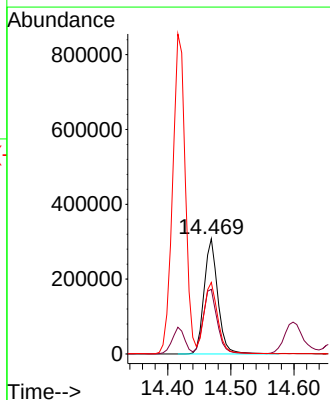
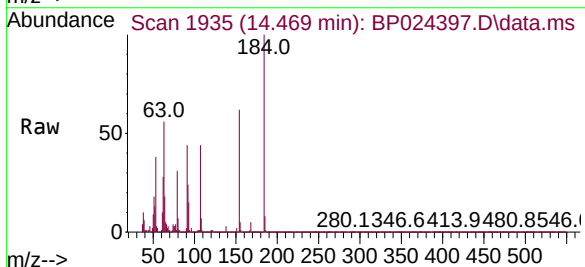
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

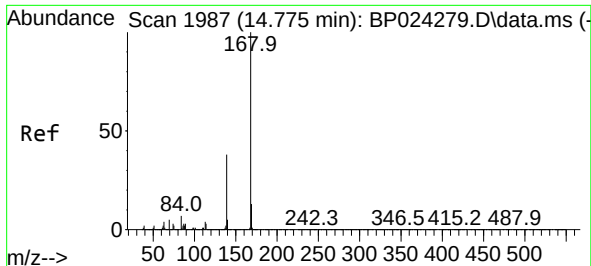
Tgt Ion:138 Resp: 246996
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 114.4 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 93.634 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:184 Resp: 463777
Ion Ratio Lower Upper
184 100
63 56.2 42.6 64.0
154 62.1 47.2 70.8

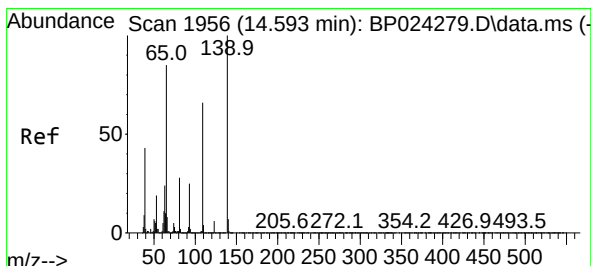
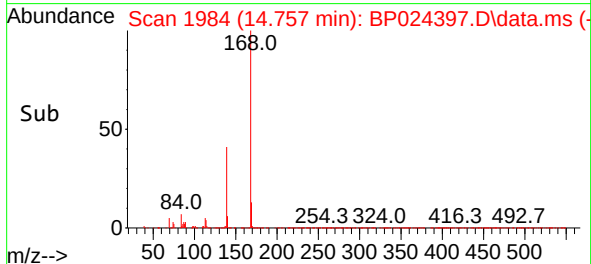
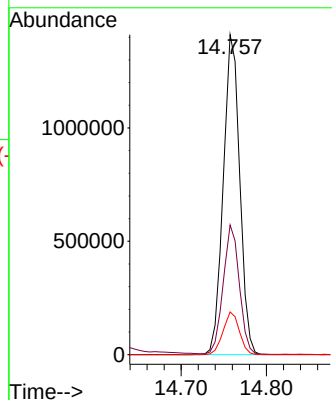
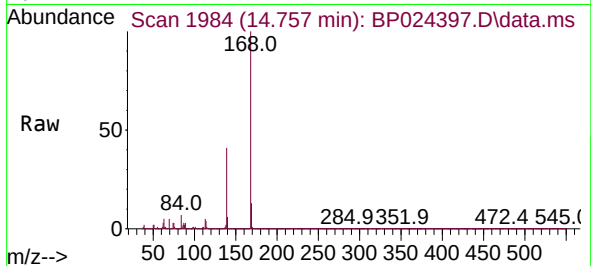




#55
Dibenzofuran
Concen: 38.737 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

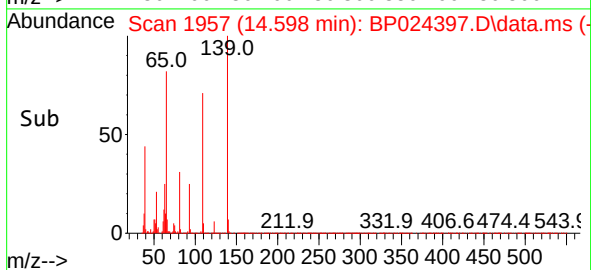
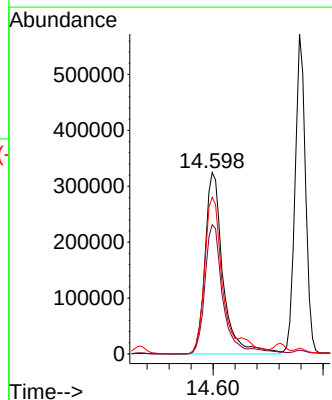
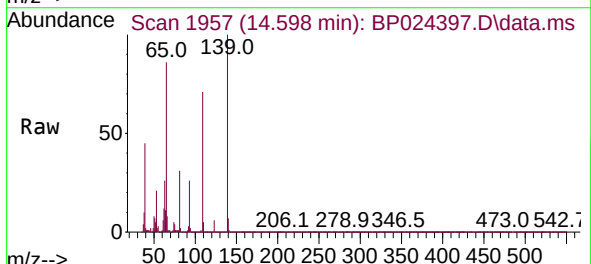
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

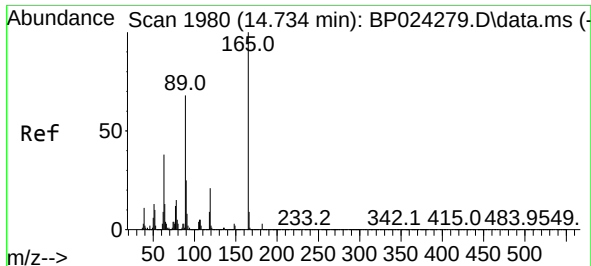
Tgt Ion:168 Resp: 1890563
Ion Ratio Lower Upper
168 100
139 40.6 30.3 45.5
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 96.073 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:139 Resp: 733289
Ion Ratio Lower Upper
139 100
109 71.3 46.1 86.1
65 86.4 65.0 105.0

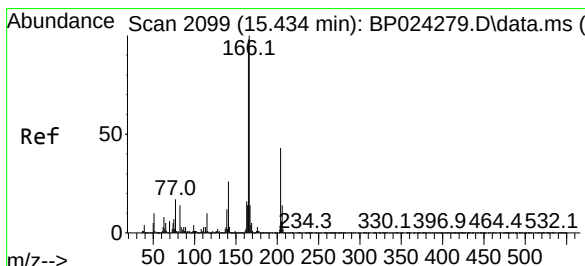
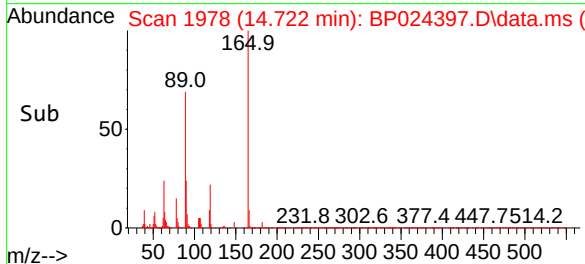
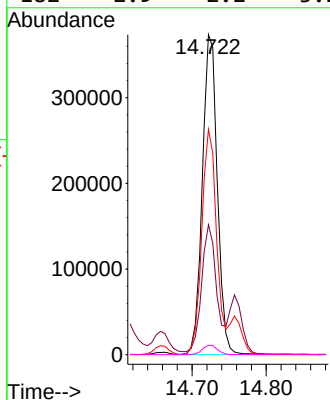
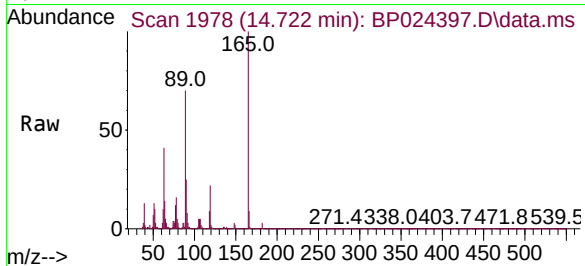




#57
2,4-Dinitrotoluene
Concen: 45.648 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

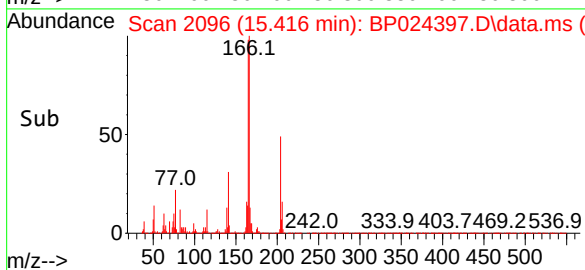
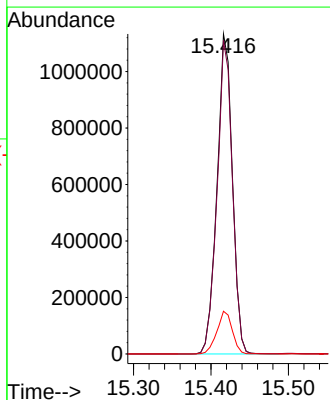
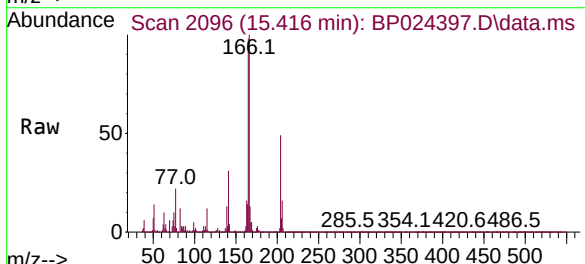
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

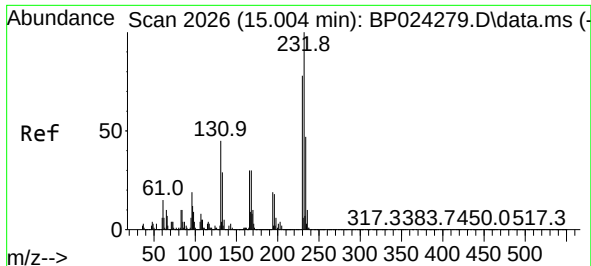
Tgt Ion:165 Resp: 523598
Ion Ratio Lower Upper
165 100
63 40.6 30.4 45.6
89 70.4 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 41.419 ng
RT: 15.416 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:166 Resp: 1564900
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.487 ng

RT: 14.998 min Scan# 20

Delta R.T. 0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

Tgt Ion:232 Resp: 452352

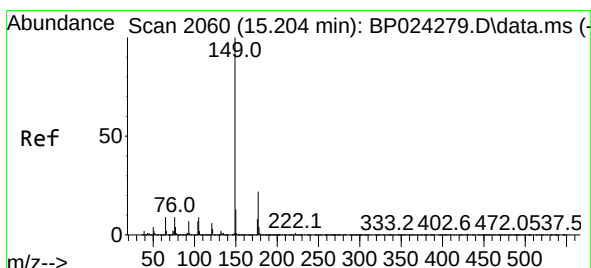
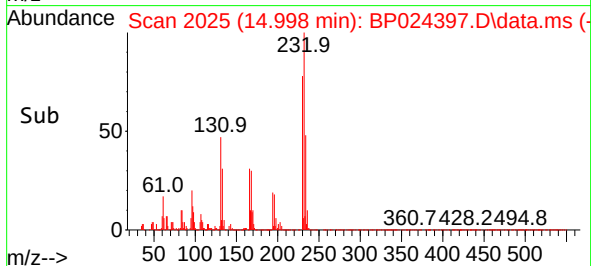
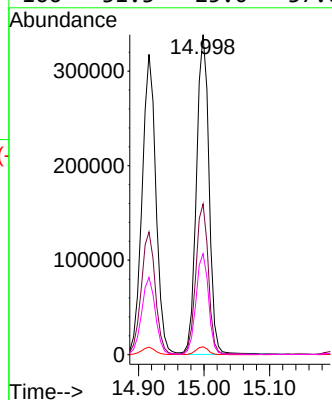
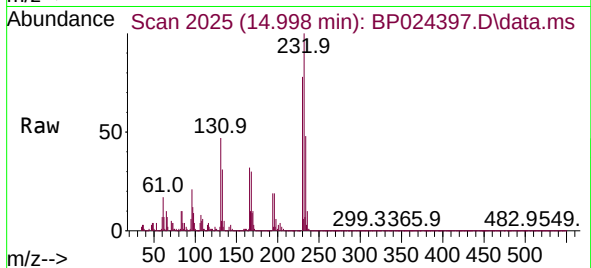
Ion Ratio Lower Upper

232 100

131 47.0 36.8 55.2

130 2.4 1.9 2.9

166 31.3 25.0 37.6



#60

Diethylphthalate

Concen: 41.631 ng

RT: 15.193 min Scan# 2058

Delta R.T. 0.000 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

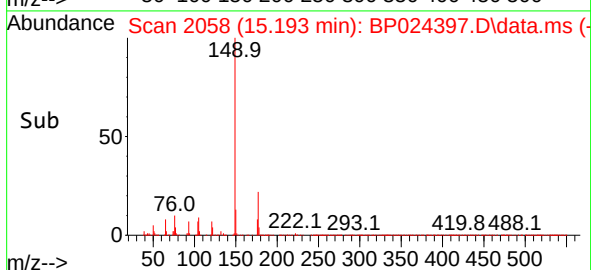
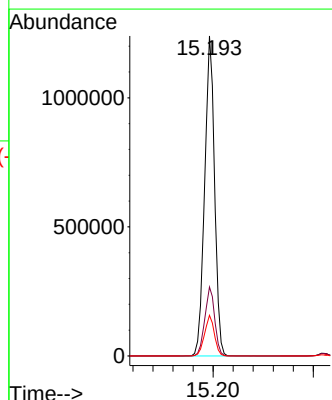
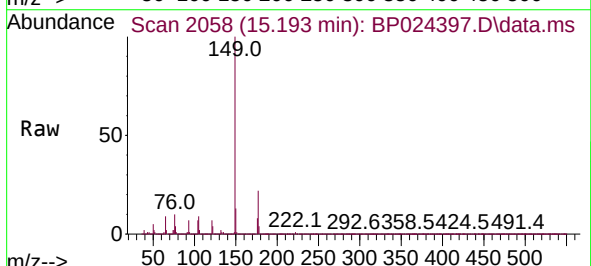
Tgt Ion:149 Resp: 1698815

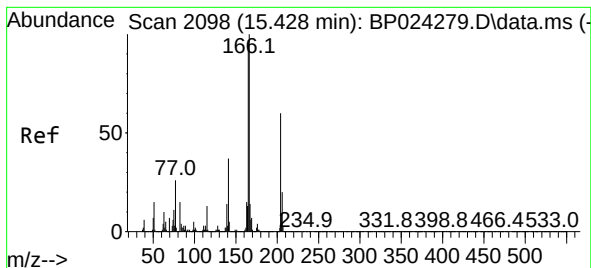
Ion Ratio Lower Upper

149 100

177 21.6 17.4 26.2

150 12.7 10.1 15.1

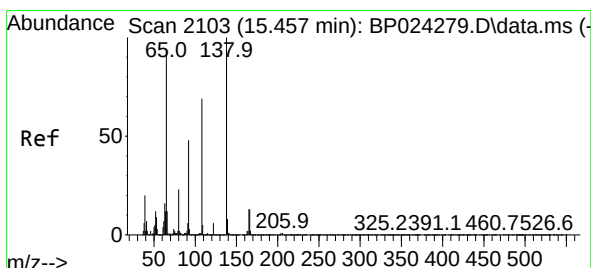
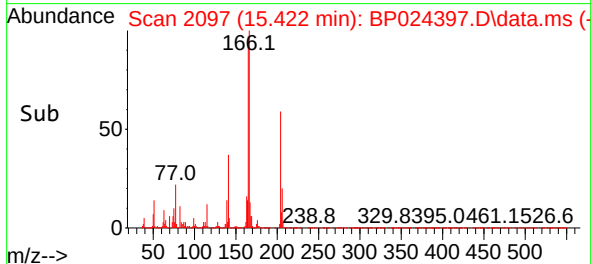
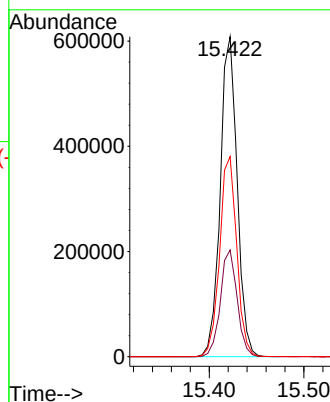
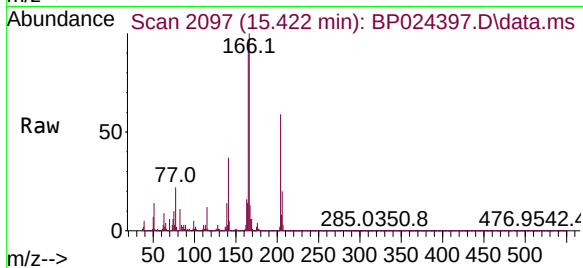




#61
4-Chlorophenyl-phenylether
Concen: 41.204 ng
RT: 15.422 min Scan# 2098
Delta R.T. 0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

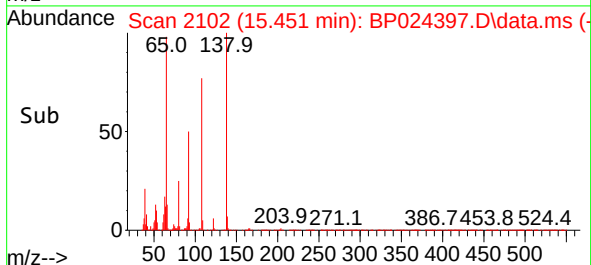
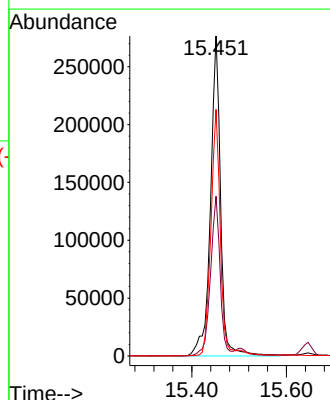
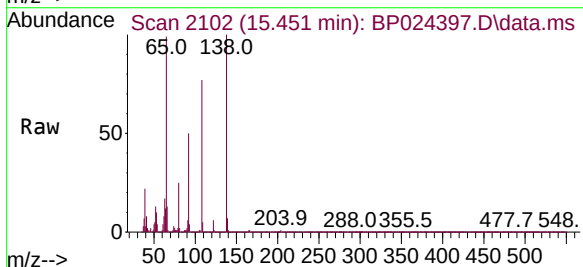
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

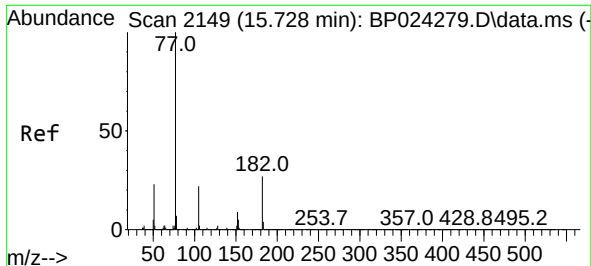
Tgt Ion:204 Resp: 755960
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 62.5 49.4 74.0



#62
4-Nitroaniline
Concen: 43.823 ng
RT: 15.451 min Scan# 2102
Delta R.T. 0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:138 Resp: 409990
Ion Ratio Lower Upper
138 100
92 49.9 27.8 67.8
108 77.1 48.9 88.9



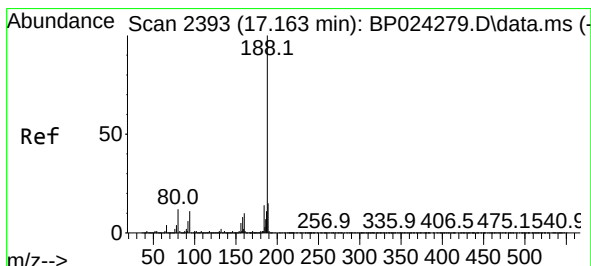
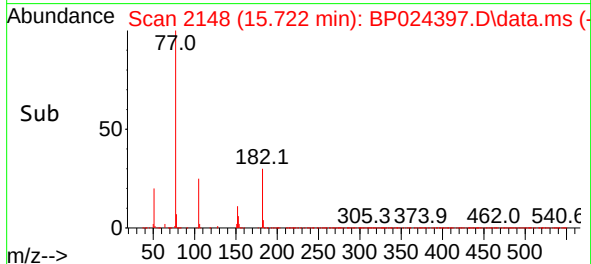
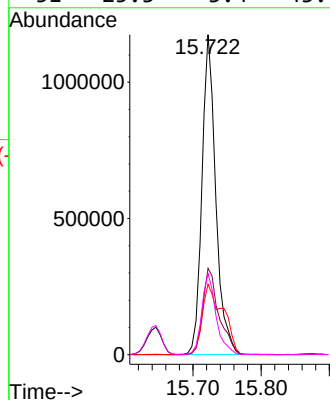
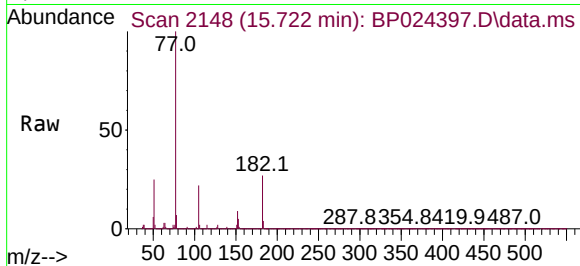


#63
Azobenzene
Concen: 44.054 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

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

Tgt Ion: 77 Resp: 1652315

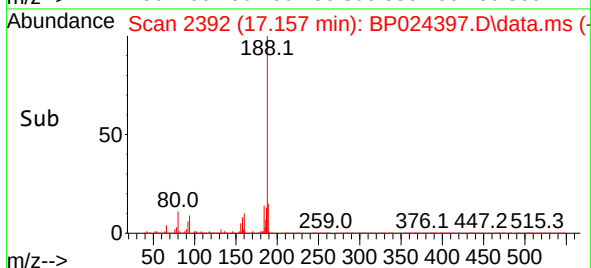
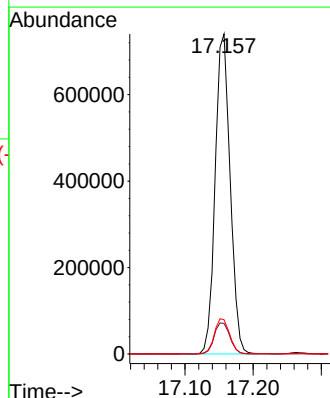
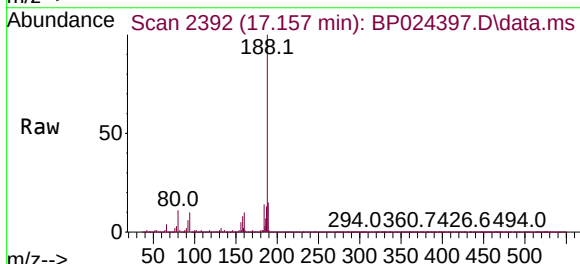
Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.3	47.3
105	22.0	2.3	42.3
51	25.3	3.4	43.4

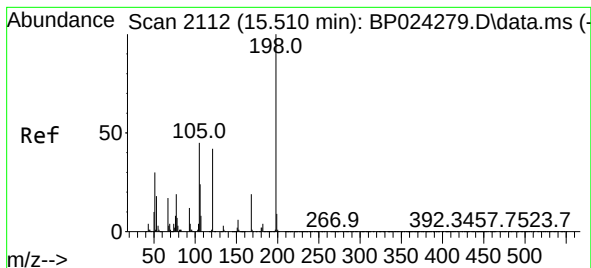


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion: 188 Resp: 1131685

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.6	13.0
80	10.7	9.8	14.6

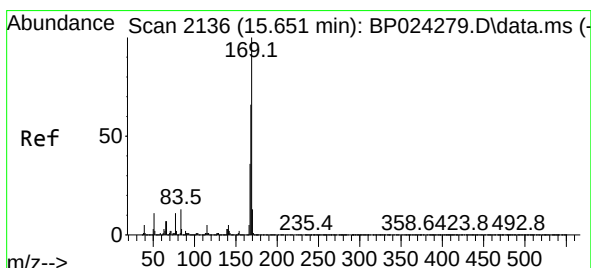
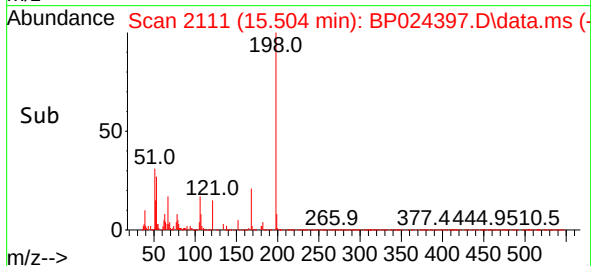
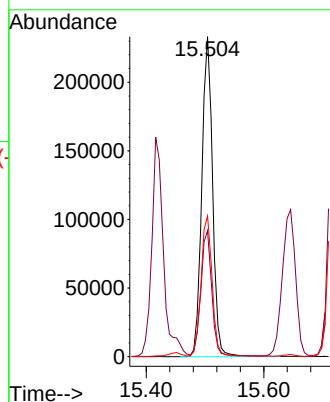
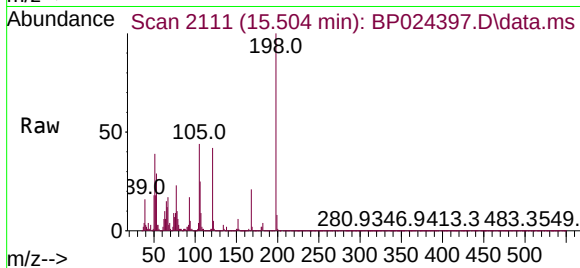




#65
4,6-Dinitro-2-methylphenol
Concen: 41.616 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

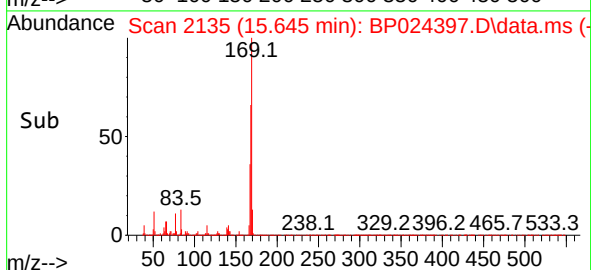
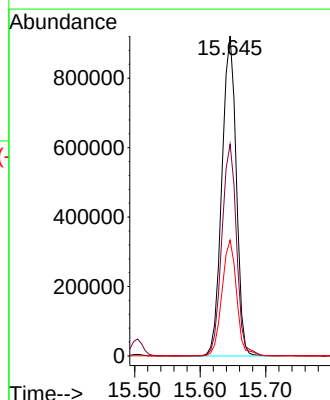
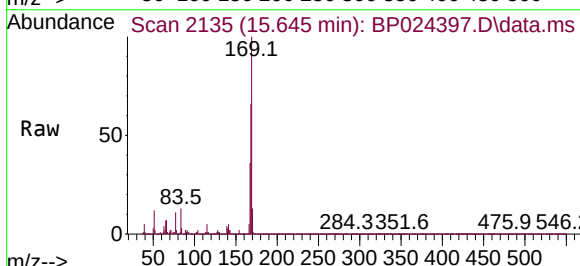
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

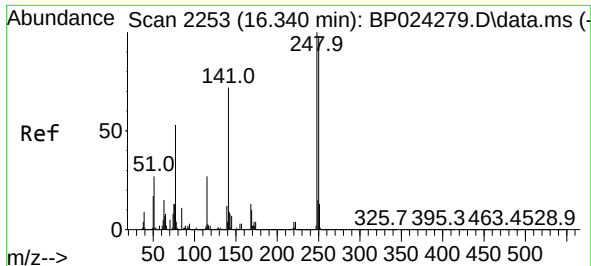
Tgt Ion:198 Resp: 296927
Ion Ratio Lower Upper
198 100
51 39.3 18.4 58.4
105 43.9 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 41.314 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:169 Resp: 1395521
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 36.2 28.9 43.3

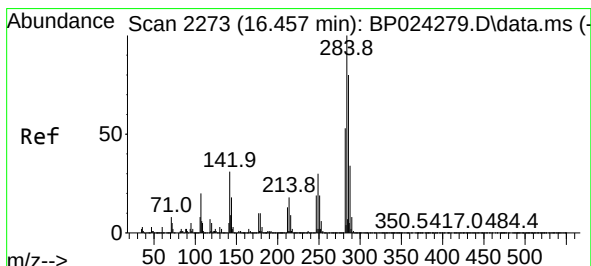
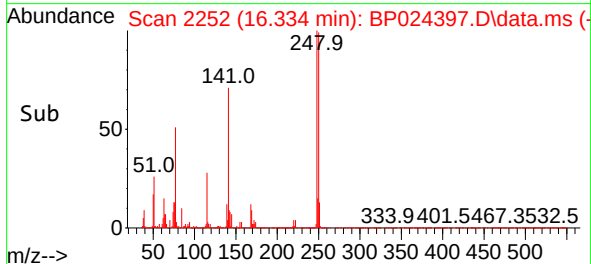
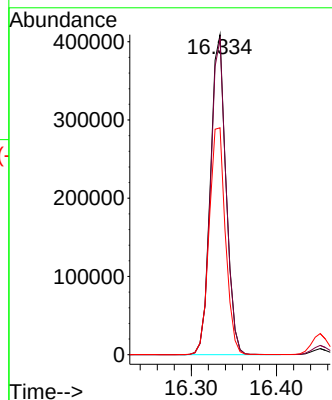
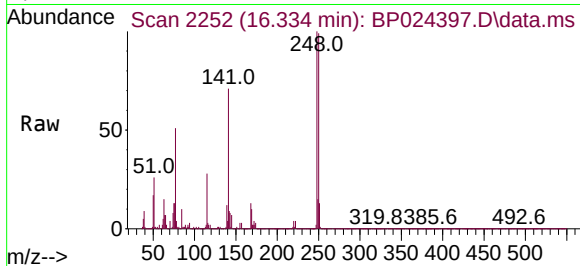




#67
4-Bromophenyl-phenylether
Concen: 41.995 ng
RT: 16.334 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

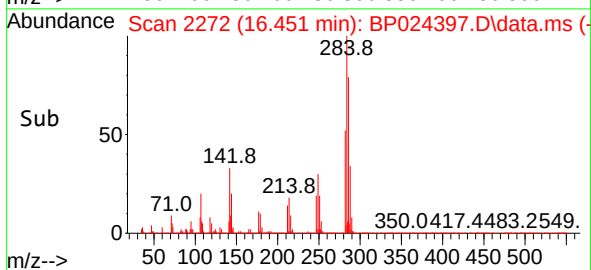
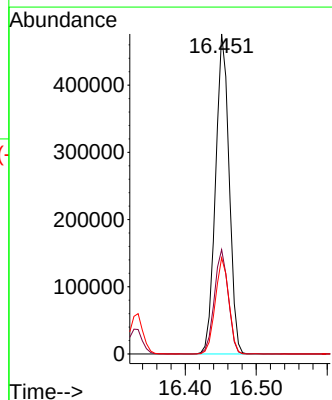
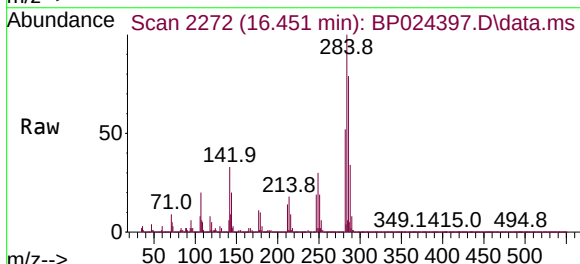
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

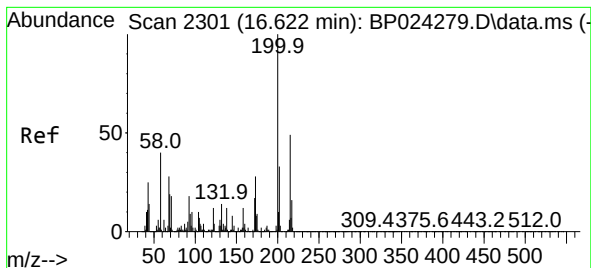
Tgt Ion:248 Resp: 519774
Ion Ratio Lower Upper
248 100
250 98.5 78.2 117.4
141 70.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 42.813 ng
RT: 16.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:284 Resp: 629662
Ion Ratio Lower Upper
284 100
142 32.6 24.6 37.0
249 30.1 23.8 35.6





#69

Atrazine

Concen: 61.667 ng

RT: 16.622 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

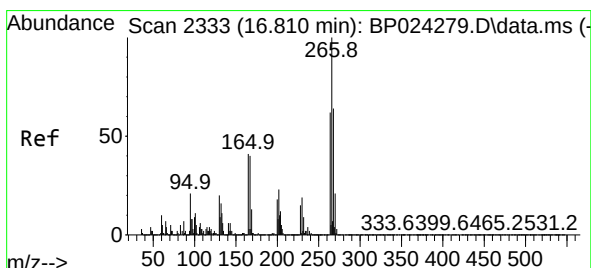
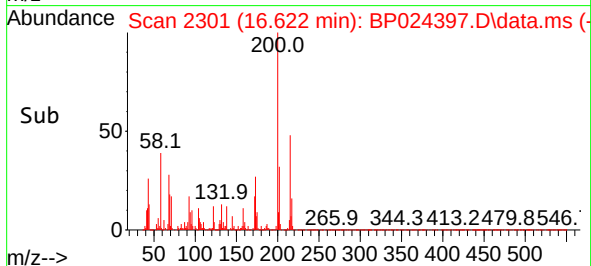
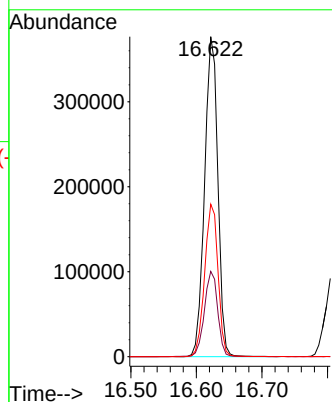
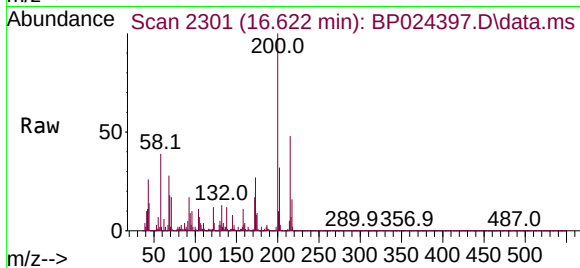
Tgt Ion:200 Resp: 530522

Ion Ratio Lower Upper

200 100

173 26.7 7.5 47.5

215 47.7 28.8 68.8



#70

Pentachlorophenol

Concen: 91.305 ng

RT: 16.810 min Scan# 2333

Delta R.T. 0.012 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

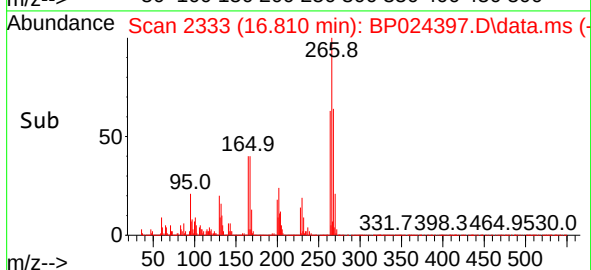
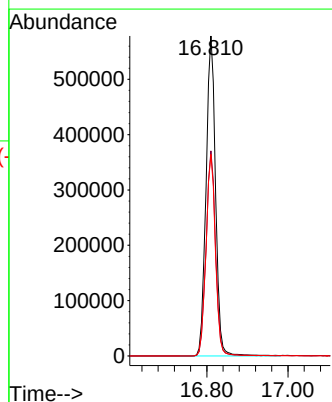
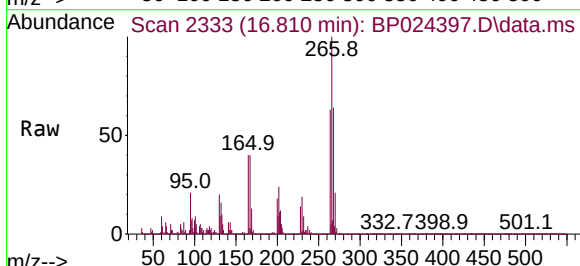
Tgt Ion:266 Resp: 936806

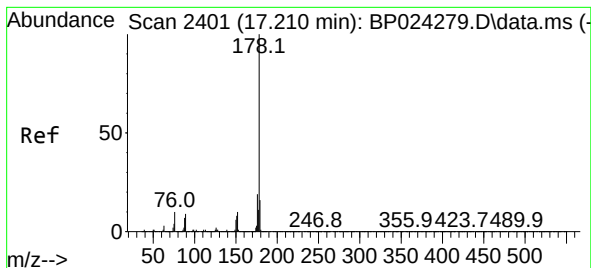
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 63.0 49.8 74.6





#71

Phenanthrene

Concen: 42.451 ng

RT: 17.204 min Scan# 2400

Delta R.T. 0.012 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

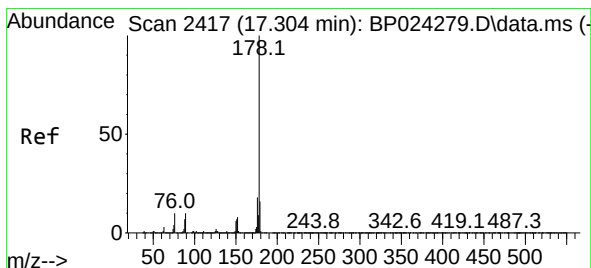
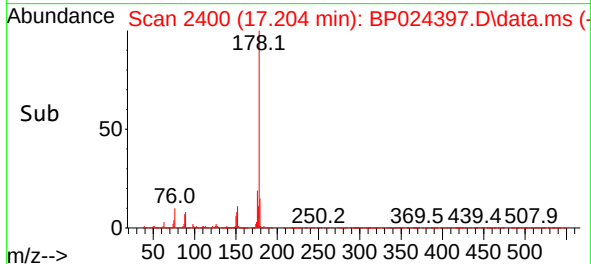
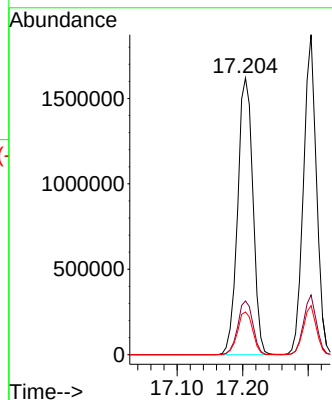
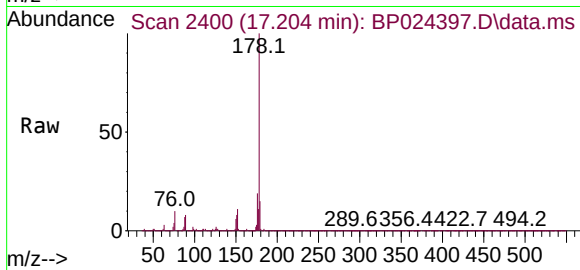
Tgt Ion:178 Resp: 2620782

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.4 12.5 18.7



#72

Anthracene

Concen: 43.193 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.018 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

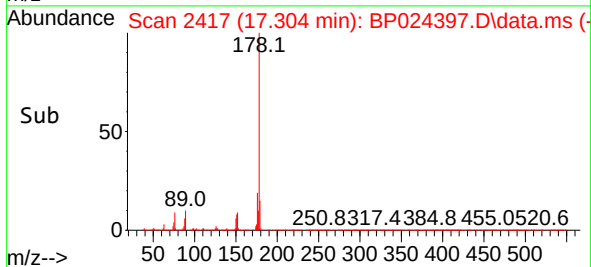
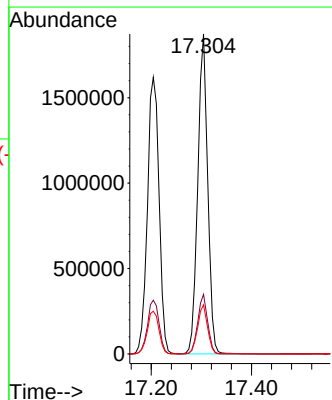
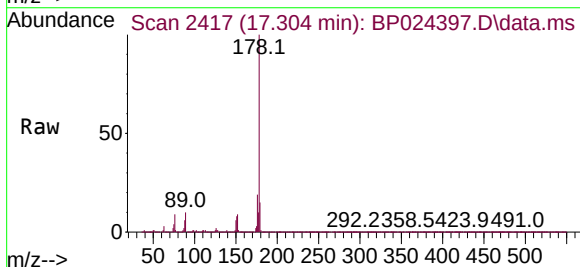
Tgt Ion:178 Resp: 2570026

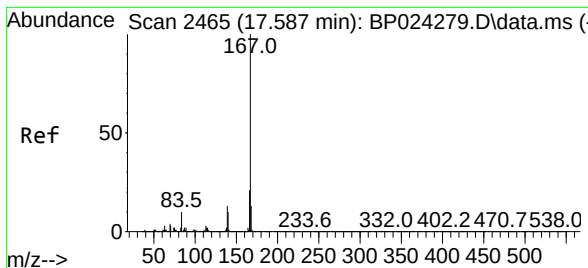
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.3 12.4 18.6





#73

Carbazole

Concen: 43.622 ng

RT: 17.581 min Scan# 2465

Delta R.T. 0.012 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

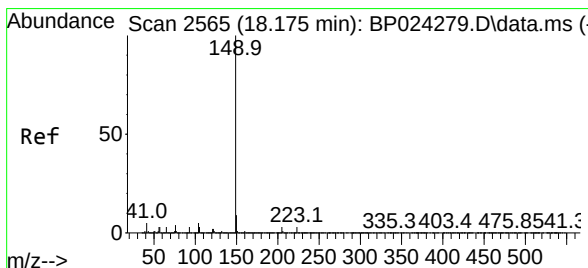
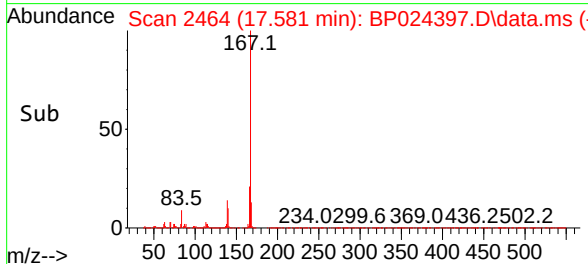
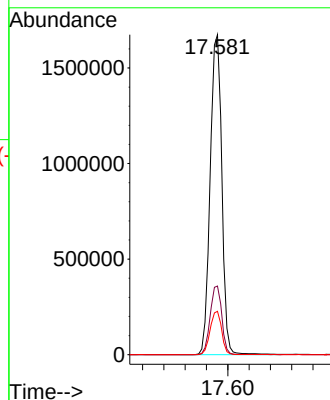
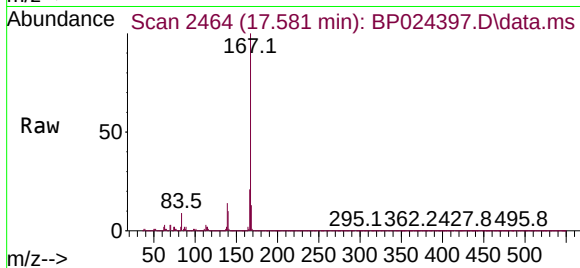
Tgt Ion:167 Resp: 2536111

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.091 ng

RT: 18.169 min Scan# 2564

Delta R.T. 0.012 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

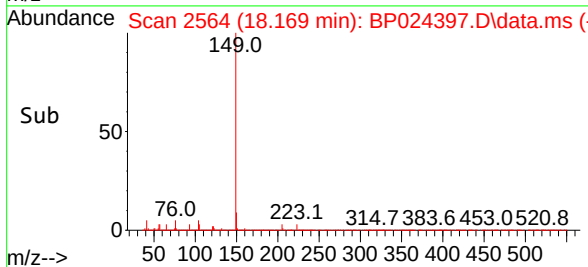
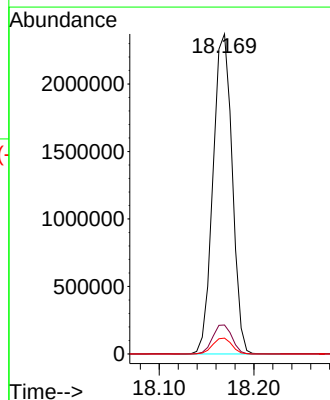
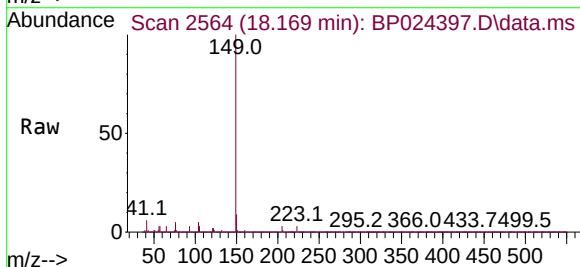
Tgt Ion:149 Resp: 3338436

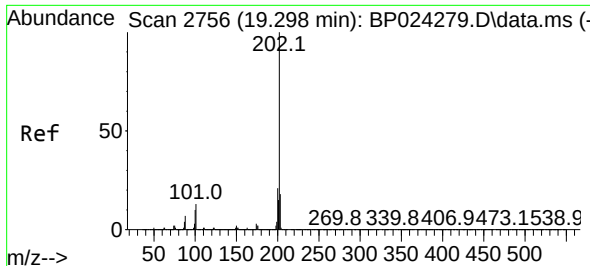
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.0 3.9 5.9

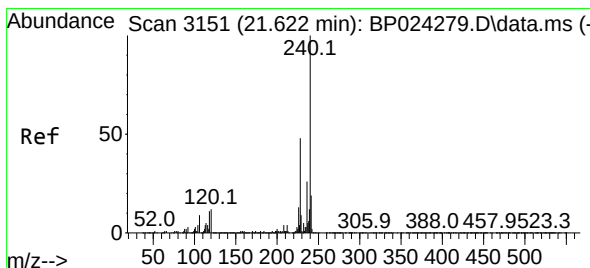
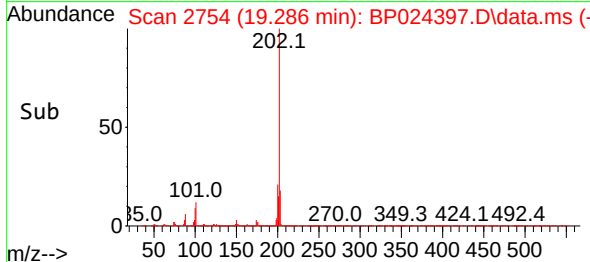
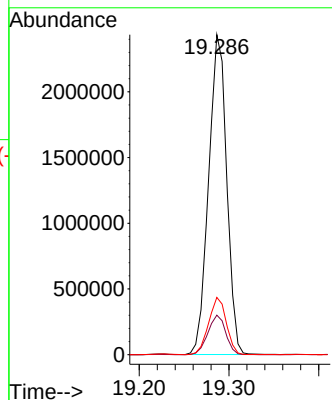
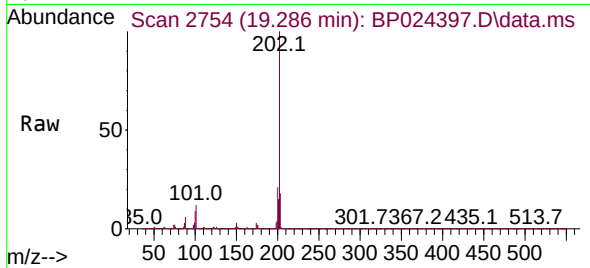




#75
Fluoranthene
Concen: 46.414 ng
RT: 19.286 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

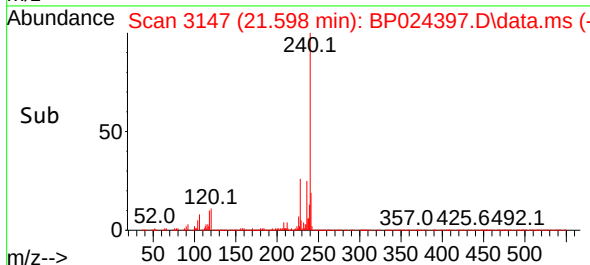
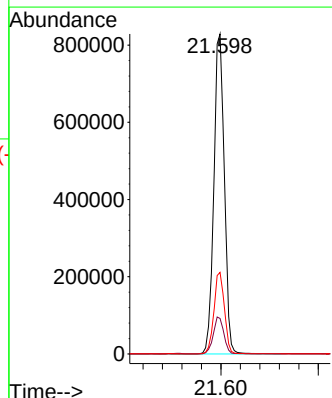
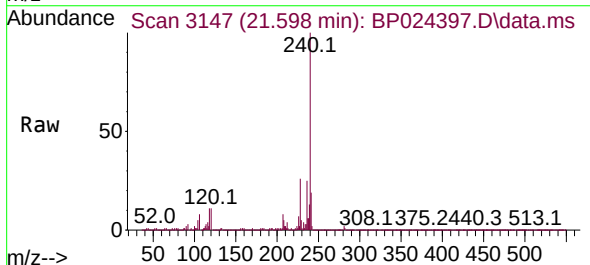
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

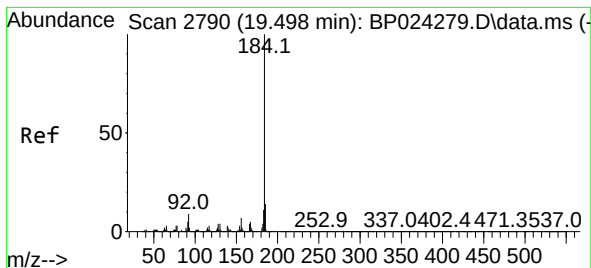
Tgt Ion:202 Resp: 3407929
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.2
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:240 Resp: 1233931
Ion Ratio Lower Upper
240 100
120 11.1 9.8 14.8
236 25.5 20.9 31.3





#77

Benzidine

Concen: 83.951 ng

RT: 19.481 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

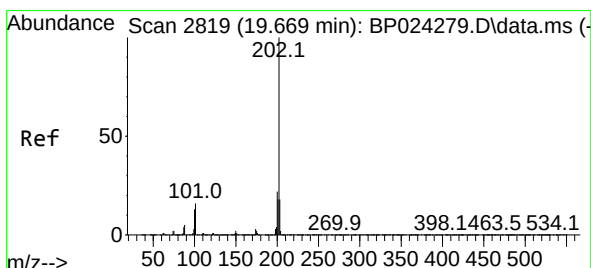
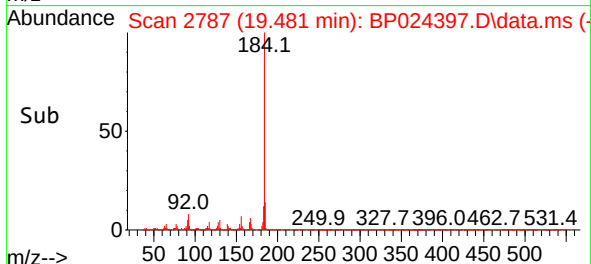
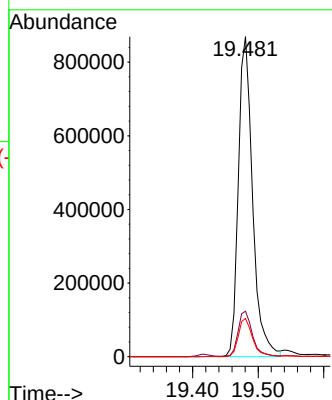
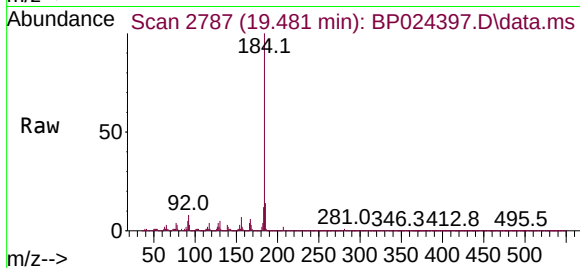
Tgt Ion:184 Resp: 1313081

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 12.0 9.2 13.8



#78

Pyrene

Concen: 44.115 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.012 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

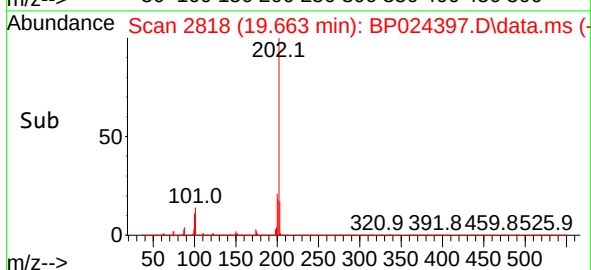
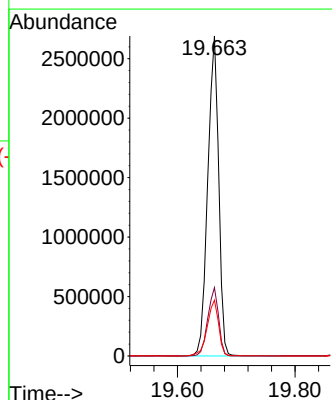
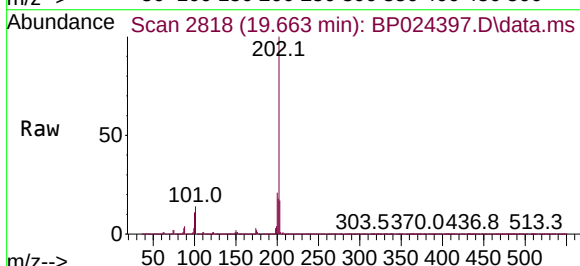
Tgt Ion:202 Resp: 3459364

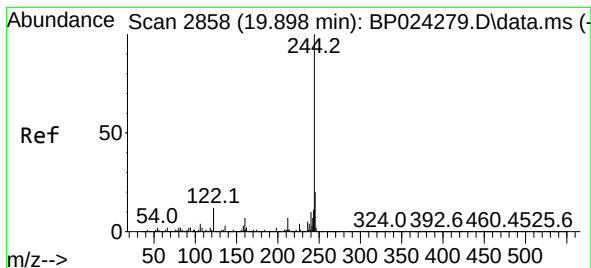
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 63.771 ng

RT: 19.869 min Scan# 2858

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

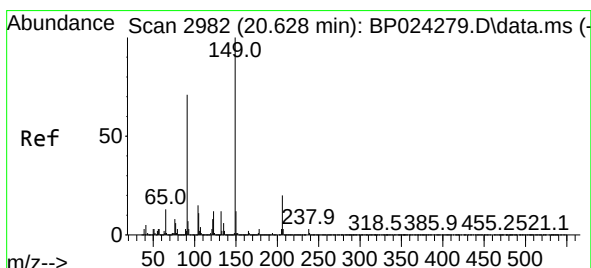
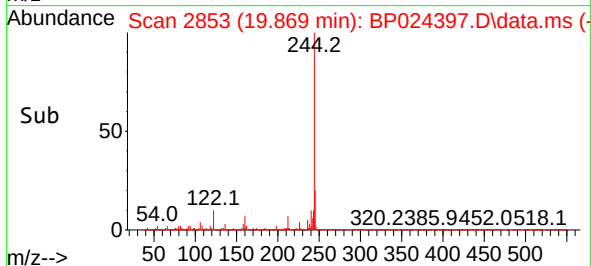
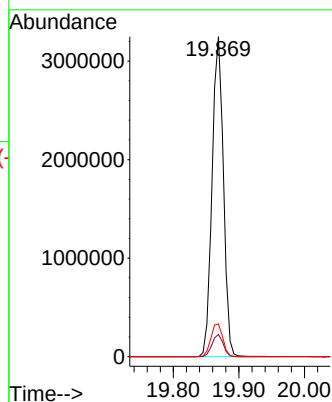
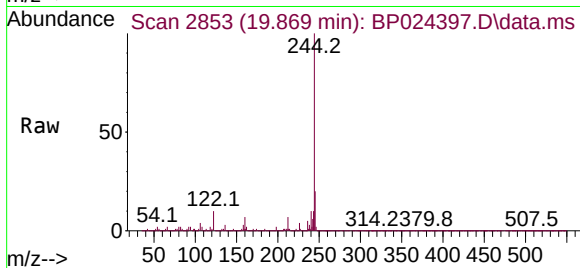
Tgt Ion:244 Resp: 3903926

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.3 9.4 14.0



#80

Butylbenzylphthalate

Concen: 47.868 ng

RT: 20.610 min Scan# 2979

Delta R.T. 0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

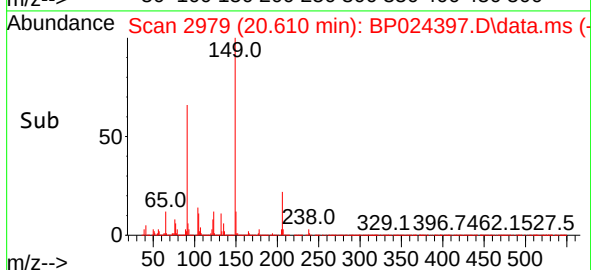
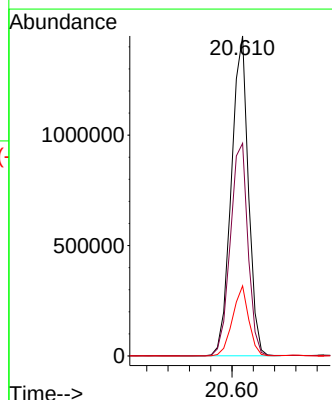
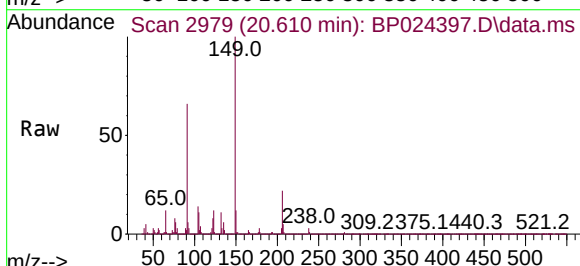
Tgt Ion:149 Resp: 1607811

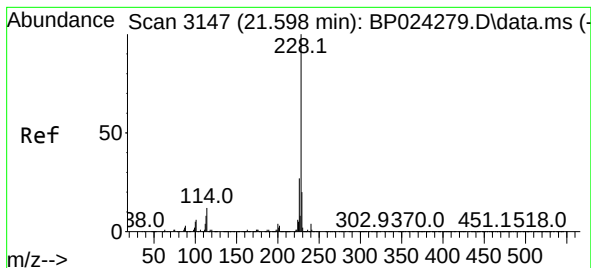
Ion Ratio Lower Upper

149 100

91 66.4 56.4 84.6

206 21.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.456 ng

RT: 21.575 min Scan# 3147

Delta R.T. 0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

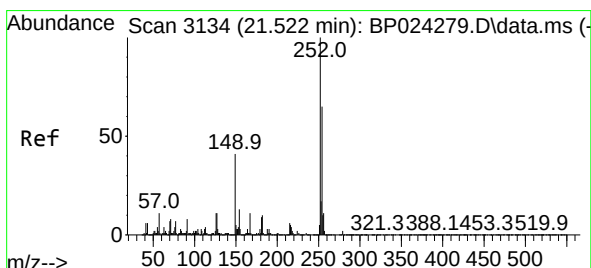
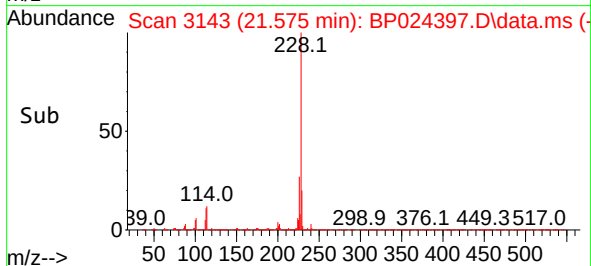
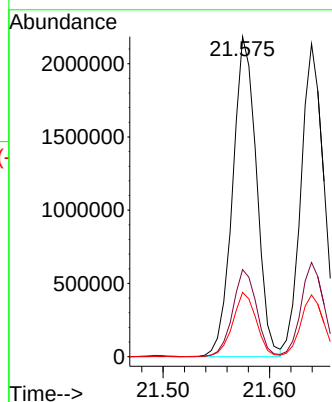
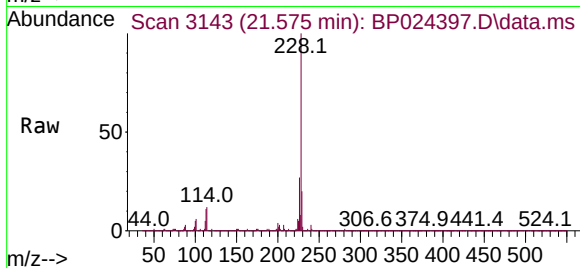
Tgt Ion:228 Resp: 3409620

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 27.728 ng

RT: 21.492 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

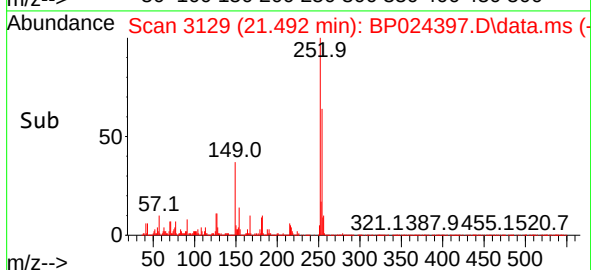
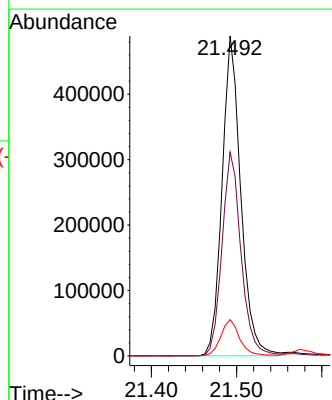
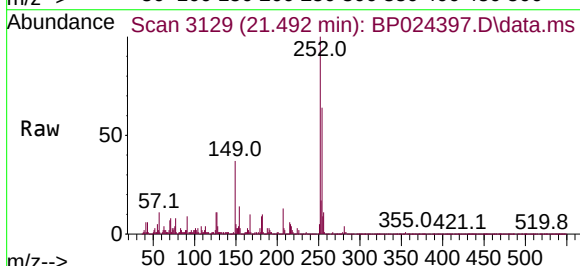
Tgt Ion:252 Resp: 746422

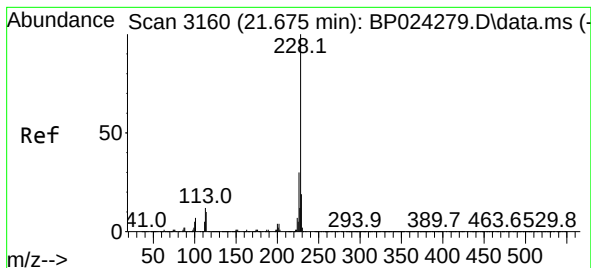
Ion Ratio Lower Upper

252 100

254 63.7 51.7 77.5

126 11.4 8.8 13.2





#83

Chrysene

Concen: 43.029 ng

RT: 21.639 min Scan# 3161

Delta R.T. 0.000 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

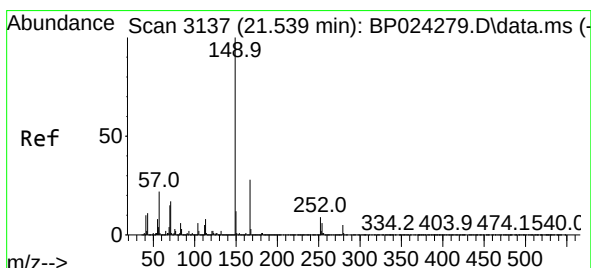
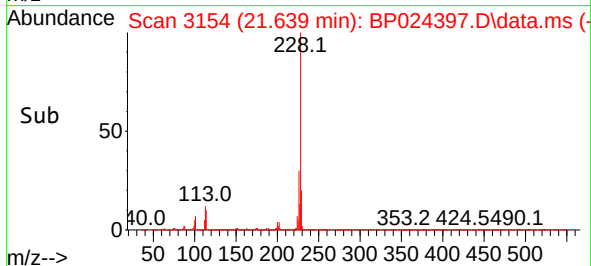
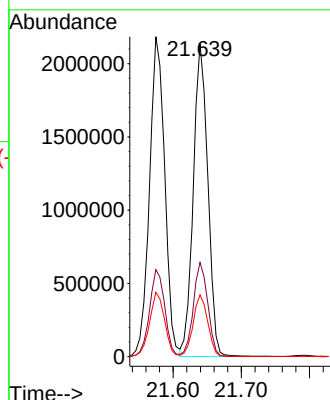
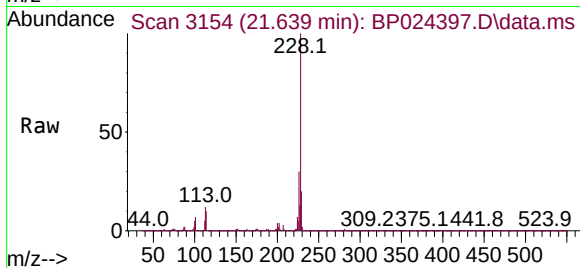
Tgt Ion:228 Resp: 3161695

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.647 ng

RT: 21.510 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

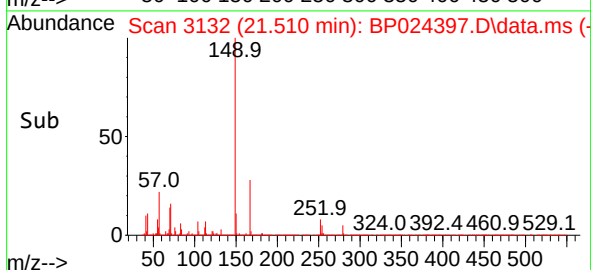
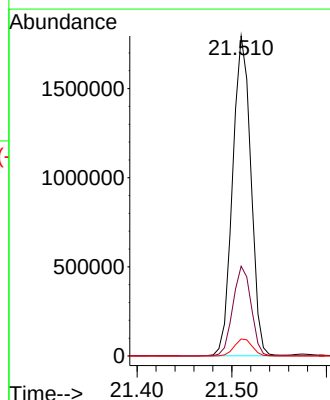
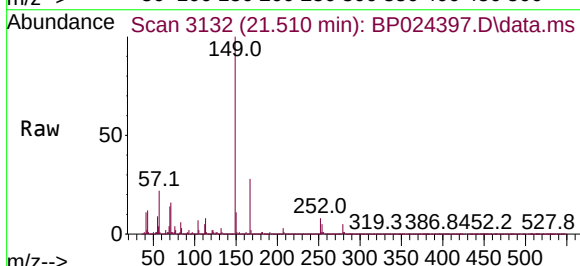
Tgt Ion:149 Resp: 2395330

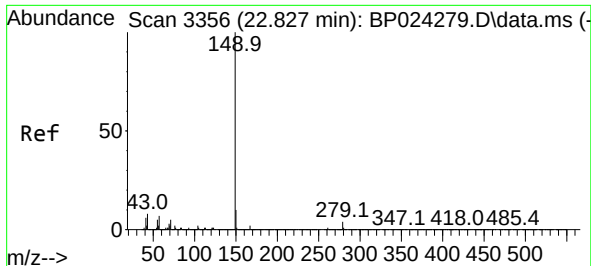
Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

279 5.3 4.0 6.0

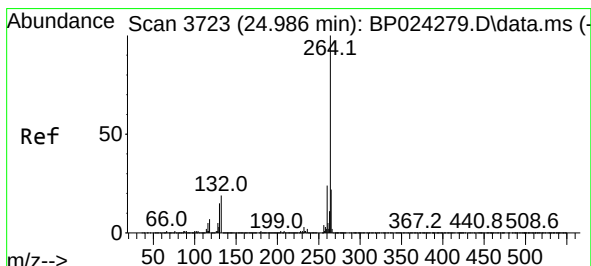
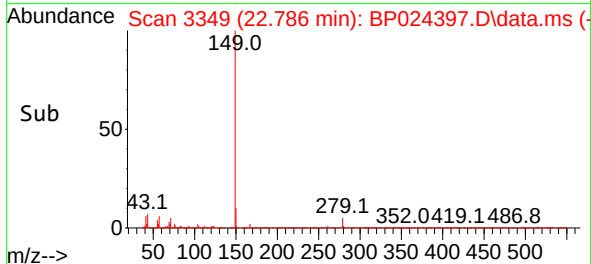
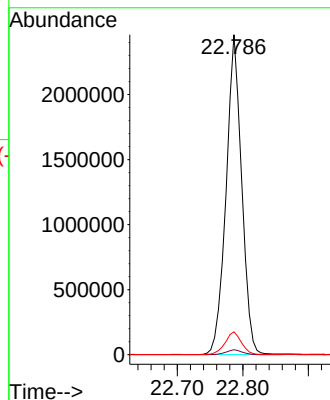
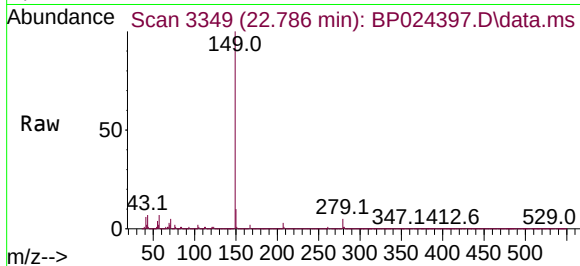




#85
Di-n-octyl phthalate
Concen: 50.569 ng
RT: 22.786 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

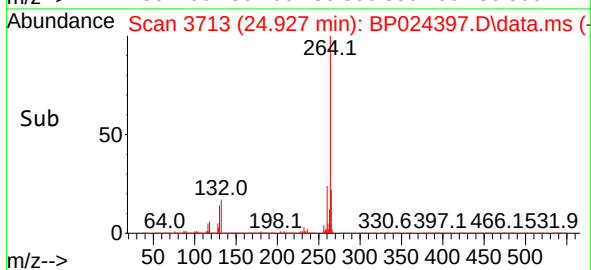
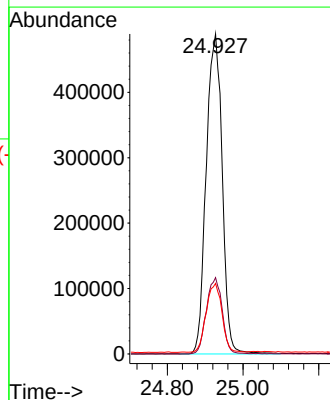
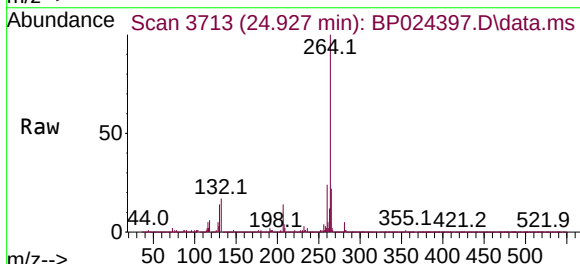
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

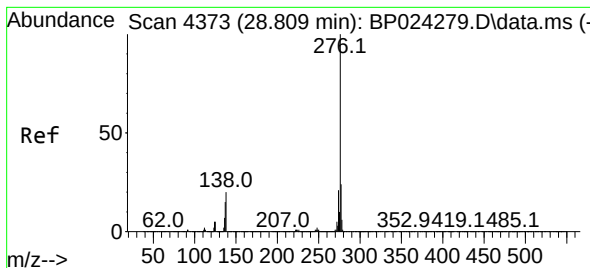
Tgt Ion:149 Resp: 4047999
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.4 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.927 min Scan# 3713
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:264 Resp: 1429799
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 22.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.186 ng

RT: 28.733 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

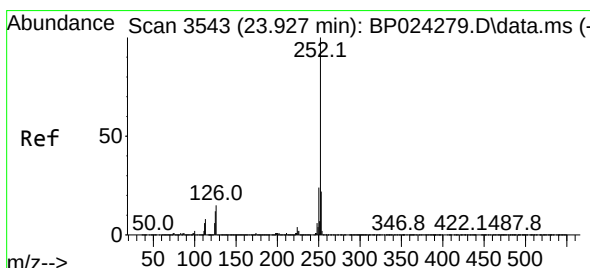
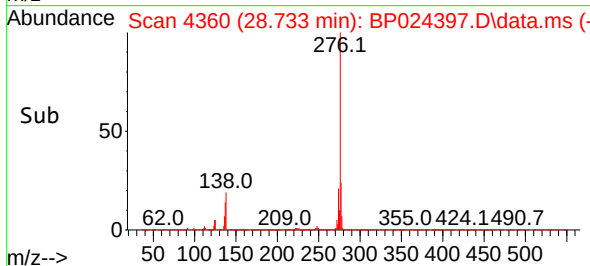
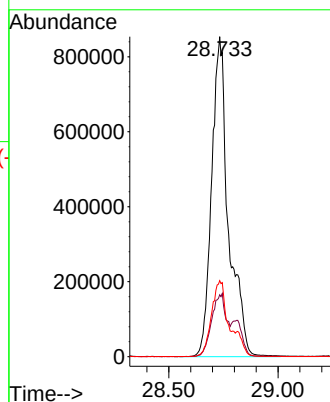
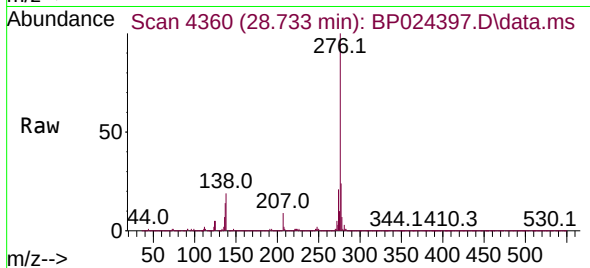
Tgt Ion:276 Resp: 4584586

Ion Ratio Lower Upper

276 100

138 17.3 14.5 21.7

277 21.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.462 ng

RT: 23.880 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

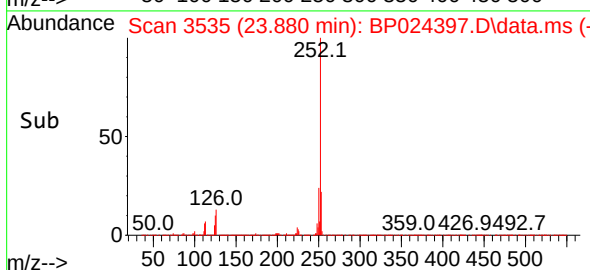
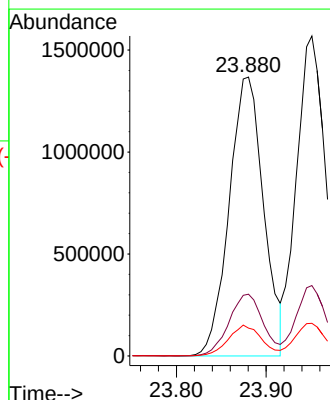
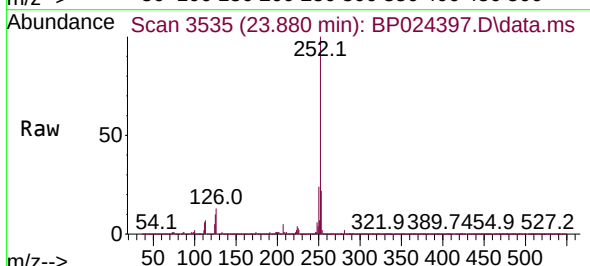
Tgt Ion:252 Resp: 3639167

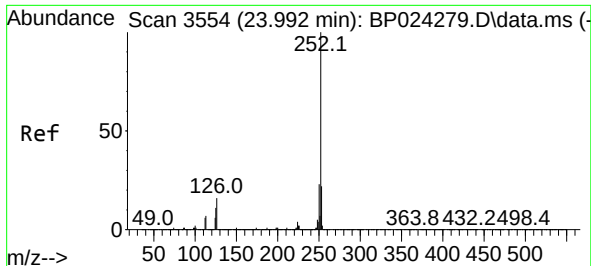
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.0 9.4 14.0

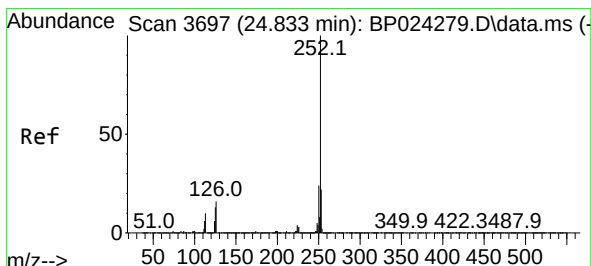
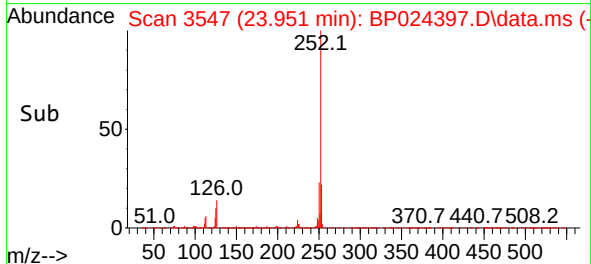
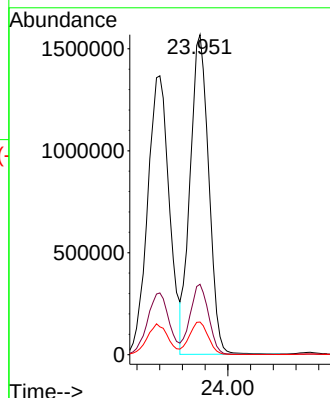
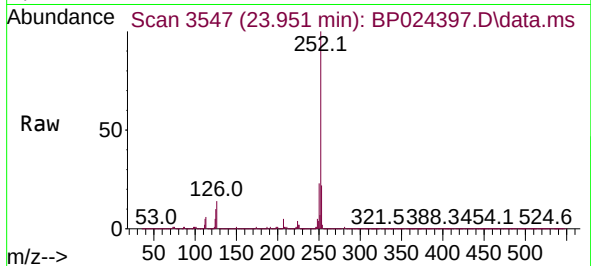




#89
Benzo(k)fluoranthene
Concen: 42.963 ng
RT: 23.951 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

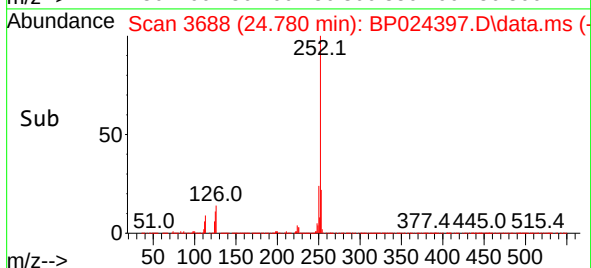
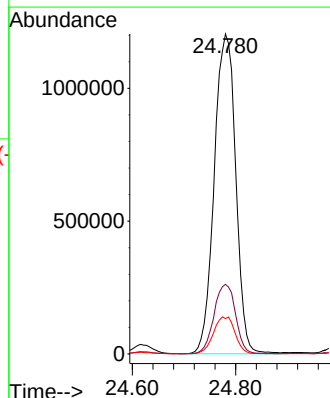
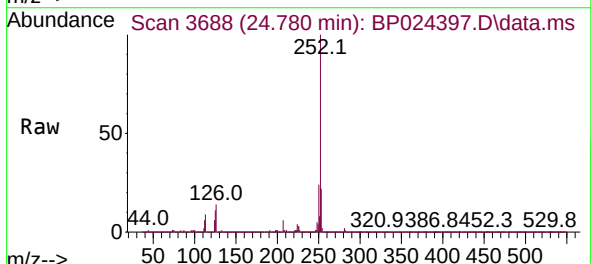
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MS

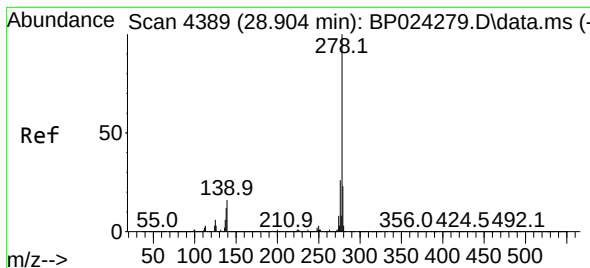
Tgt Ion:252 Resp: 3556679
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 46.952 ng
RT: 24.780 min Scan# 3688
Delta R.T. 0.000 min
Lab File: BP024397.D
Acq: 23 Apr 2025 15:33

Tgt Ion:252 Resp: 3471027
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 11.0 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 44.277 ng

RT: 28.815 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10MS

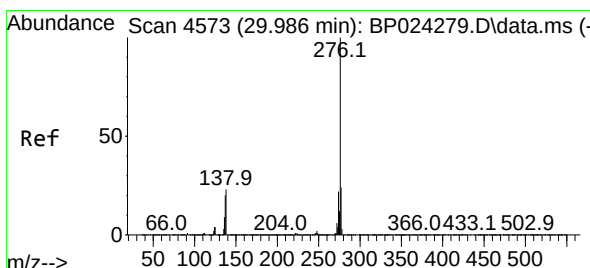
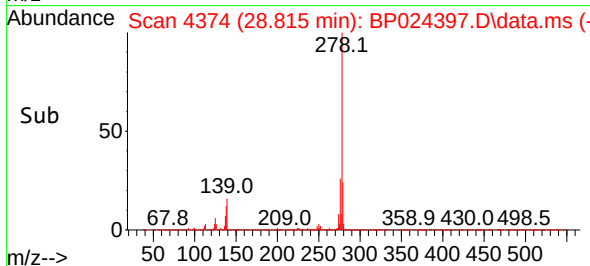
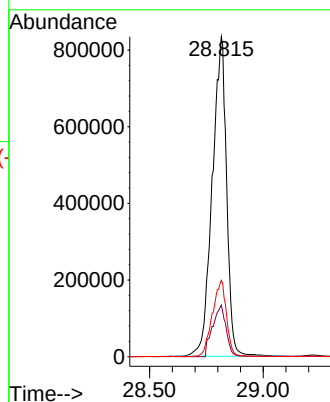
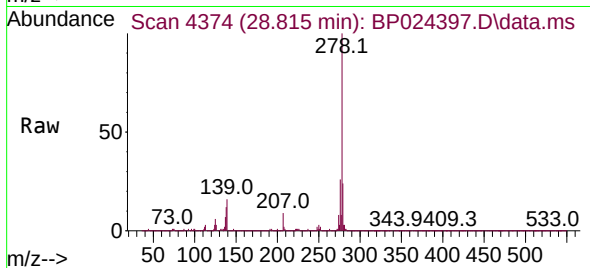
Tgt Ion:278 Resp: 3648029

Ion Ratio Lower Upper

278 100

139 16.2 12.6 19.0

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 43.607 ng

RT: 29.892 min Scan# 4557

Delta R.T. -0.006 min

Lab File: BP024397.D

Acq: 23 Apr 2025 15:33

Tgt Ion:276 Resp: 3656985

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 21.8 18.7 28.1

