

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024346.D
 Acq On : 18 Apr 2025 17:26
 Operator : RC/JU
 Sample : Q1832-19MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-04MS

Quant Time: Apr 18 18:01:49 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	227080	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	865779	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	506692	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	971216	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1048176	20.000	ng	0.00
86) Perylene-d12	24.933	264	1255947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1391914	101.351	ng	0.00
7) Phenol-d6	6.910	99	1773658	94.317	ng	0.00
23) Nitrobenzene-d5	8.869	82	1057641	69.657	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	725774	103.529	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2168428	65.525	ng	0.00
79) Terphenyl-d14	19.874	244	3417155	65.712	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	224301	38.612	ng	97
3) Pyridine	3.681	79	571019	37.226	ng	97
4) n-Nitrosodimethylamine	3.593	42	220716	43.356	ng	93
6) Aniline	7.063	93	511736	30.453	ng	100
8) 2-Chlorophenol	7.299	128	660178	43.055	ng	100
9) Benzaldehyde	6.875	77	345556	37.148	ng	99
10) Phenol	6.934	94	811807	43.034	ng	96
11) bis(2-Chloroethyl)ether	7.152	93	623849	41.045	ng	100
12) 1,3-Dichlorobenzene	7.610	146	711996	43.131	ng	99
13) 1,4-Dichlorobenzene	7.757	146	723672	43.207	ng	99
14) 1,2-Dichlorobenzene	8.069	146	693227	42.863	ng	99
15) Benzyl Alcohol	7.963	79	520773	42.822	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	681234	41.466	ng	100
17) 2-Methylphenol	8.163	107	528309	43.292	ng	98
18) Hexachloroethane	8.787	117	267356	44.170	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	439499	37.777	ng	99
20) 3+4-Methylphenols	8.493	107	705275	41.651	ng	99
22) Acetophenone	8.534	105	924882	43.161	ng	# 99
24) Nitrobenzene	8.910	77	665444	44.303	ng	99
25) Isophorone	9.434	82	1238177	45.052	ng	98
26) 2-Nitrophenol	9.616	139	345265	46.971	ng	97
27) 2,4-Dimethylphenol	9.681	122	577002	62.517	ng	99
28) bis(2-Chloroethoxy)met...	9.910	93	782497	42.147	ng	99
29) 2,4-Dichlorophenol	10.151	162	568719	45.192	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	611698	45.367	ng	99
31) Naphthalene	10.545	128	1900777	41.678	ng	99
32) Benzoic acid	9.822	122	413353	38.436	ng	99
33) 4-Chloroaniline	10.663	127	255389	15.902	ng	99
34) Hexachlorobutadiene	10.828	225	372492	47.013	ng	99
35) Caprolactam	11.445	113	188960	40.694	ng	98
36) 4-Chloro-3-methylphenol	11.792	107	608439	41.509	ng	99
37) 2-Methylnaphthalene	12.157	142	1184791	37.459	ng	99
38) 1-Methylnaphthalene	12.375	142	1244956	40.236	ng	100
40) 1,2,4,5-Tetrachloroben...	12.528	216	643174	46.158	ng	98
41) Hexachlorocyclopentadiene	12.510	237	892237	181.050	ng	99
43) 2,4,6-Trichlorophenol	12.775	196	441696	47.678	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024346.D
 Acq On : 18 Apr 2025 17:26
 Operator : RC/JU
 Sample : Q1832-19MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-04MS

Quant Time: Apr 18 18:01:49 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

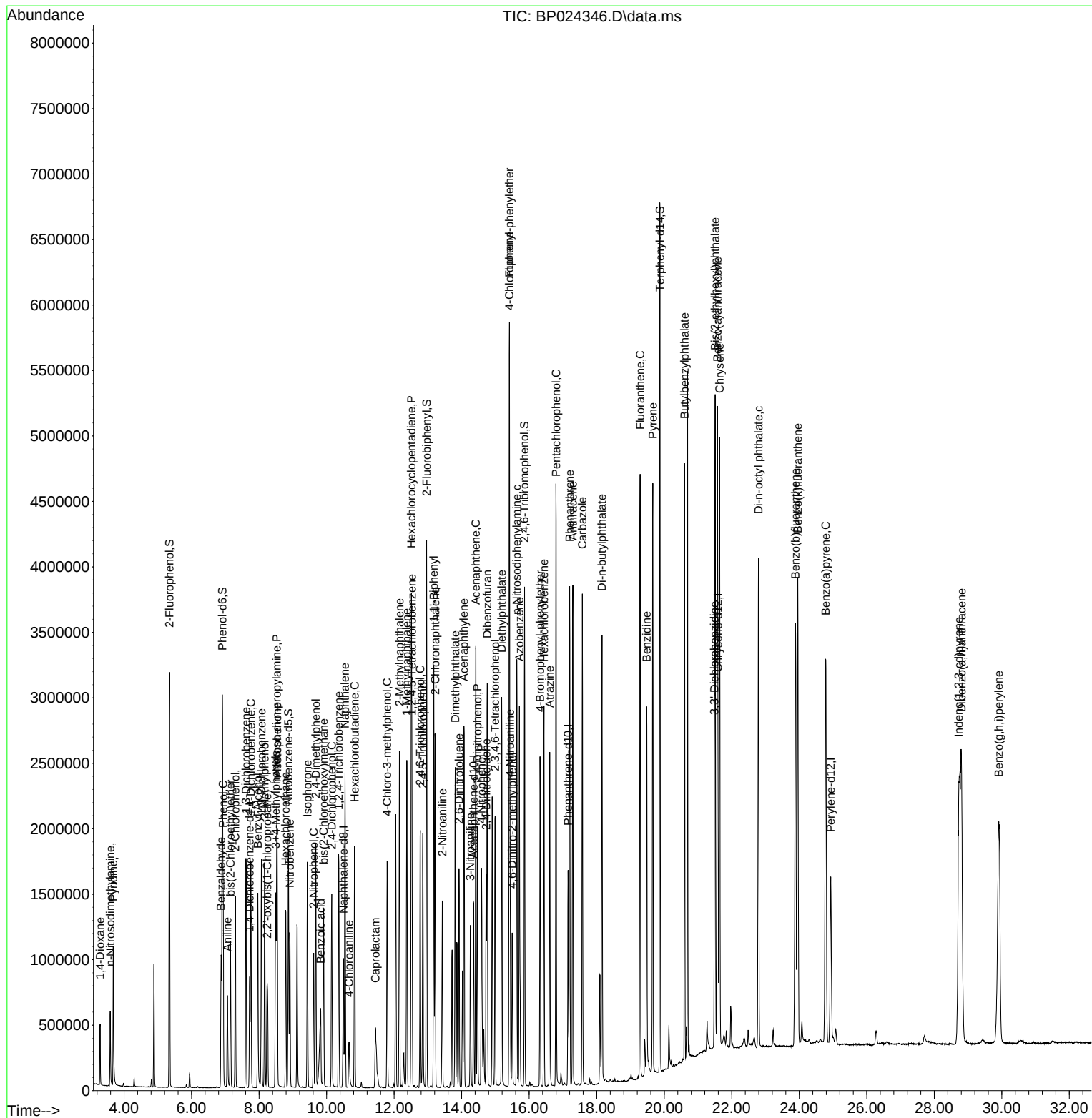
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	476729	46.470	ng	100
46) 1,1'-Biphenyl	13.175	154	1631849	43.814	ng	100
47) 2-Chloronaphthalene	13.216	162	1241685	44.607	ng	99
48) 2-Nitroaniline	13.428	65	366309	46.914	ng	97
49) Acenaphthylene	14.069	152	2085085	47.577	ng	100
50) Dimethylphthalate	13.810	163	1545302	41.938	ng	100
51) 2,6-Dinitrotoluene	13.922	165	343800	43.939	ng	95
52) Acenaphthene	14.422	154	1182470	42.559	ng	99
53) 3-Nitroaniline	14.257	138	318270	38.702	ng	98
54) 2,4-Dinitrophenol	14.469	184	438397	95.118	ng	97
55) Dibenzofuran	14.757	168	1866480	41.098	ng	99
56) 4-Nitrophenol	14.586	139	667706	94.011	ng	97
57) 2,4-Dinitrotoluene	14.728	165	499115	46.762	ng	93
58) Fluorene	15.416	166	1496364	42.562	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	418971	44.280	ng	98
60) Diethylphthalate	15.186	149	1738870	45.793	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	729502	42.730	ng	99
62) 4-Nitroaniline	15.433	138	393470	45.197	ng	94
63) Azobenzene	15.710	77	1656223	47.455	ng	99
65) 4,6-Dinitro-2-methylph...	15.498	198	273609	44.684	ng	97
66) n-Nitrosodiphenylamine	15.633	169	1307059	45.089	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	482480	45.423	ng	97
68) Hexachlorobenzene	16.439	284	581428	46.065	ng	97
69) Atrazine	16.610	200	463130	62.728	ng	99
70) Pentachlorophenol	16.798	266	809234	91.902	ng	99
71) Phenanthrene	17.198	178	2358580	44.516	ng	99
72) Anthracene	17.292	178	2354501	46.109	ng	100
73) Carbazole	17.575	167	2253199	45.160	ng	100
74) Di-n-butylphthalate	18.157	149	2843816	45.749	ng	100
75) Fluoranthene	19.286	202	2763281	43.852	ng	98
77) Benzidine	19.480	184	1693774	127.481	ng	100
78) Pyrene	19.663	202	2841960	42.664	ng	99
80) Butylbenzylphthalate	20.604	149	1336758	46.851	ng	98
81) Benzo(a)anthracene	21.574	228	2973625	45.642	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	720814	31.522	ng	99
83) Chrysene	21.639	228	2790393	44.706	ng	100
84) Bis(2-ethylhexyl)phtha...	21.510	149	1950322	46.629	ng	100
85) Di-n-octyl phthalate	22.792	149	3410270	50.153	ng	99
87) Indeno(1,2,3-cd)pyrene	28.727	276	4229857	48.511	ng	# 93
88) Benzo(b)fluoranthene	23.886	252	3208763	42.623	ng	99
89) Benzo(k)fluoranthene	23.957	252	3196319	43.955	ng	99
90) Benzo(a)pyrene	24.786	252	3162889	48.706	ng	98
91) Dibenzo(a,h)anthracene	28.803	278	3458731	47.790	ng	99
92) Benzo(g,h,i)perylene	29.909	276	3420702	46.436	ng	97

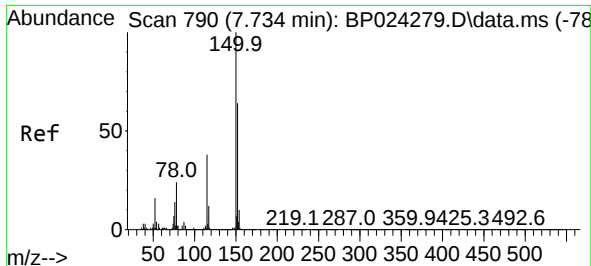
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
Data File : BP024346.D
Acq On : 18 Apr 2025 17:26
Operator : RC/JU
Sample : Q1832-19MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

Quant Time: Apr 18 18:01:49 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

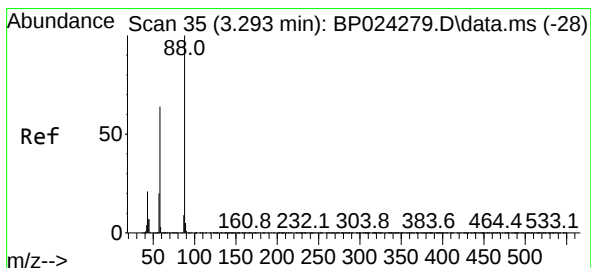
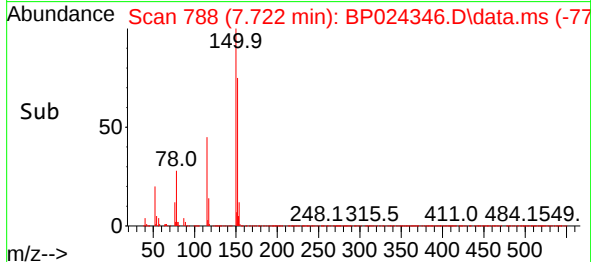
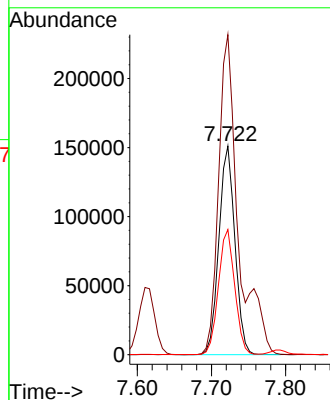
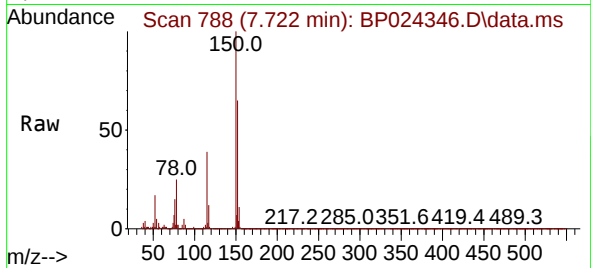




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

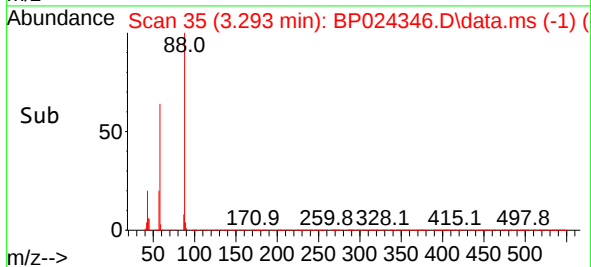
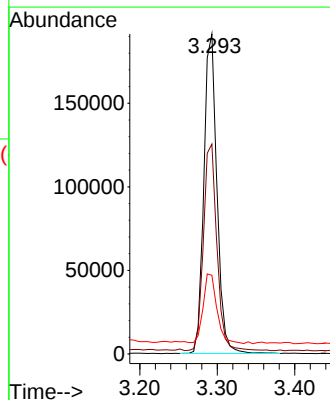
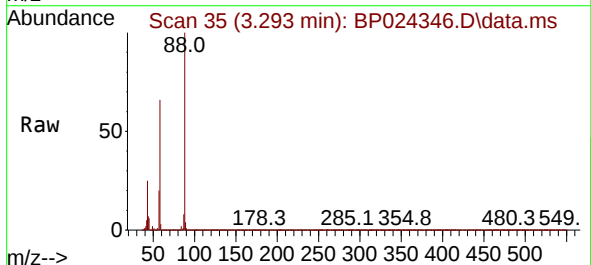
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

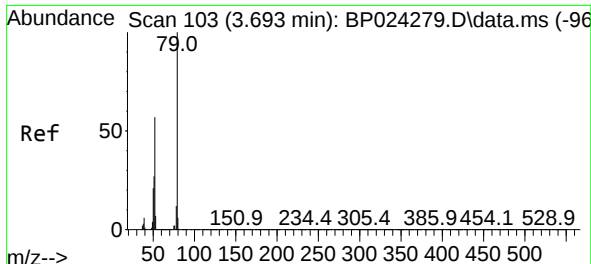
Tgt Ion:152 Resp: 227080
Ion Ratio Lower Upper
152 100
150 153.4 124.9 187.3
115 59.9 47.7 71.5



#2
1,4-Dioxane
Concen: 38.612 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion: 88 Resp: 224301
Ion Ratio Lower Upper
88 100
58 66.5 51.4 77.2
43 22.9 17.1 25.7

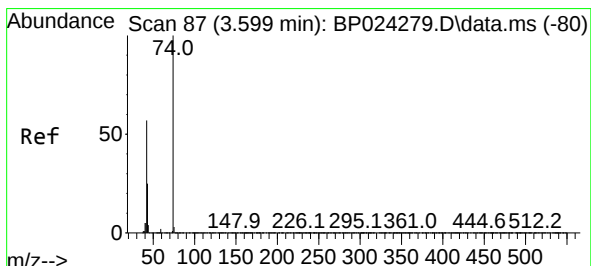
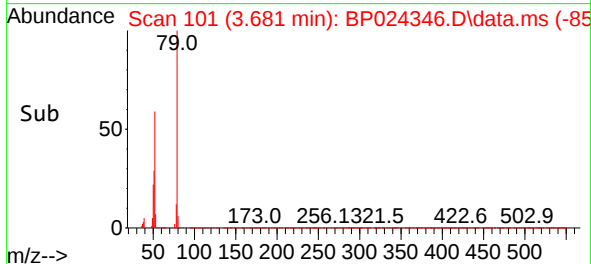
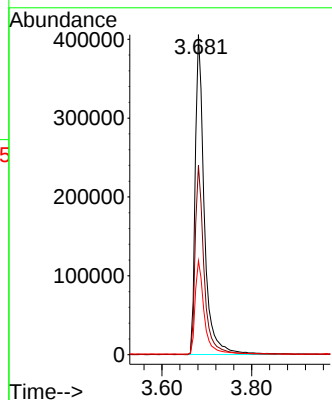
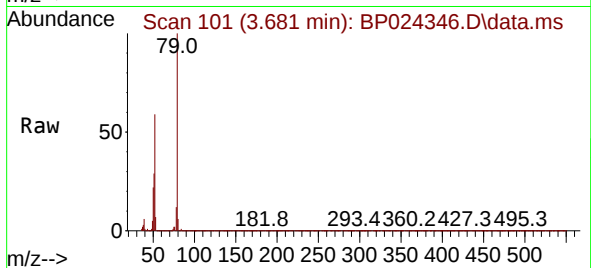




#3
 Pyridine
 Concen: 37.226 ng
 RT: 3.681 min Scan# 101
 Delta R.T. -0.006 min
 Lab File: BP024346.D
 Acq: 18 Apr 2025 17:26

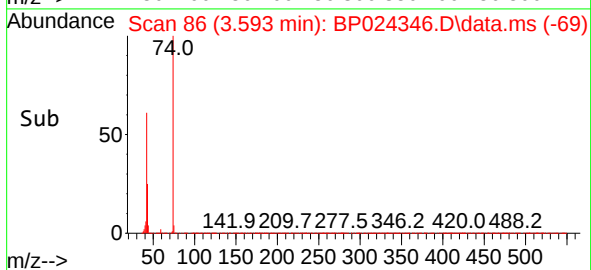
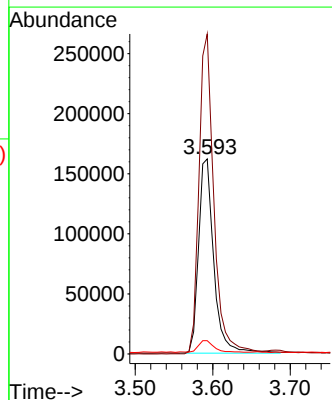
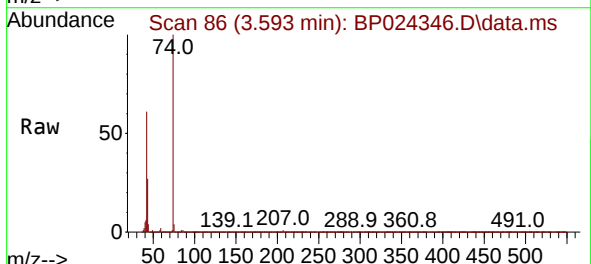
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-04MS

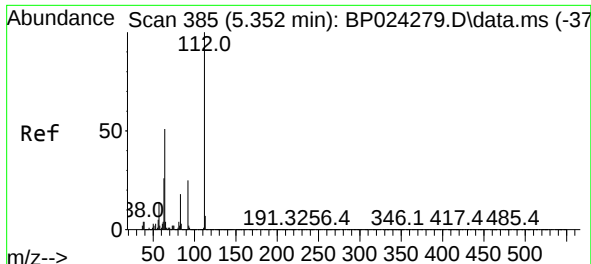
Tgt Ion: 79 Resp: 571019
 Ion Ratio Lower Upper
 79 100
 52 59.2 45.4 68.2
 51 29.3 22.6 33.8



#4
 n-Nitrosodimethylamine
 Concen: 43.356 ng
 RT: 3.593 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: BP024346.D
 Acq: 18 Apr 2025 17:26

Tgt Ion: 42 Resp: 220716
 Ion Ratio Lower Upper
 42 100
 74 164.1 139.5 209.3
 44 6.8 5.8 8.8

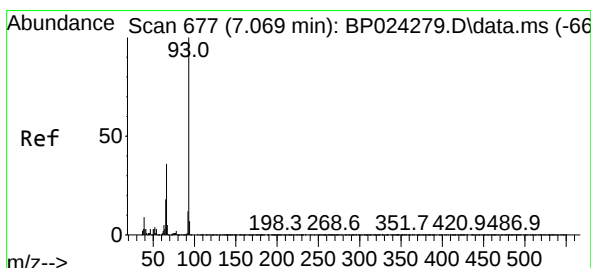
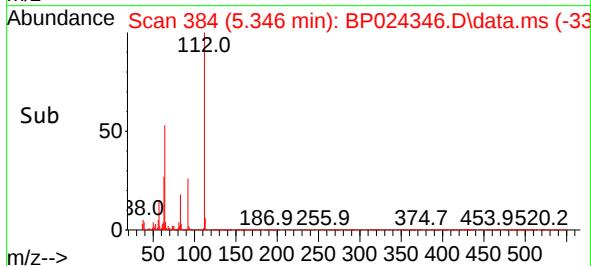
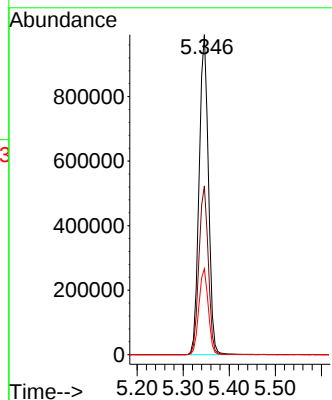
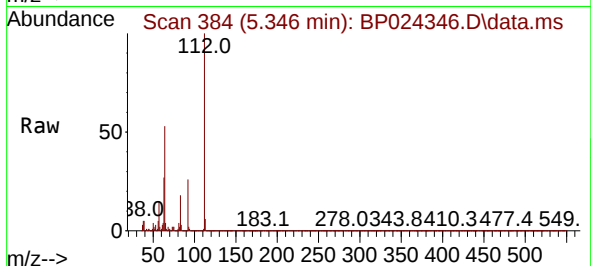




#5
2-Fluorophenol
Concen: 101.351 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

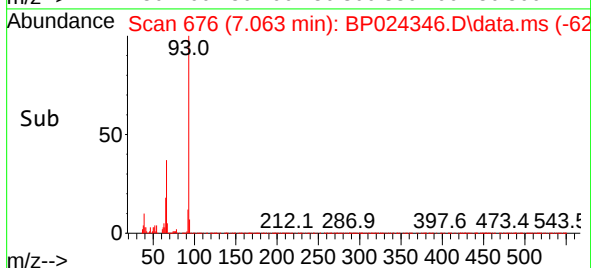
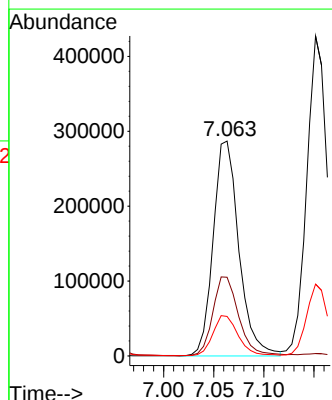
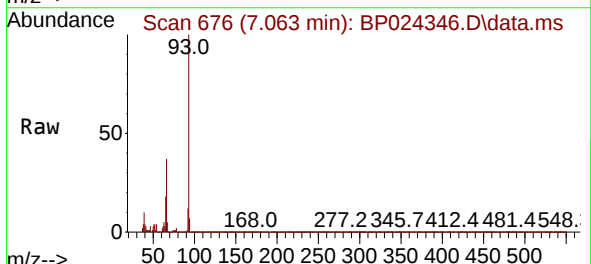
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

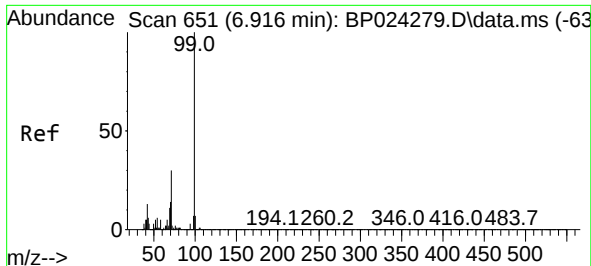
Tgt Ion:112 Resp: 1391914
Ion Ratio Lower Upper
112 100
64 52.7 41.1 61.7
63 26.8 20.6 30.8



#6
Aniline
Concen: 30.453 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion: 93 Resp: 511736
Ion Ratio Lower Upper
93 100
66 36.7 29.1 43.7
65 18.4 14.7 22.1

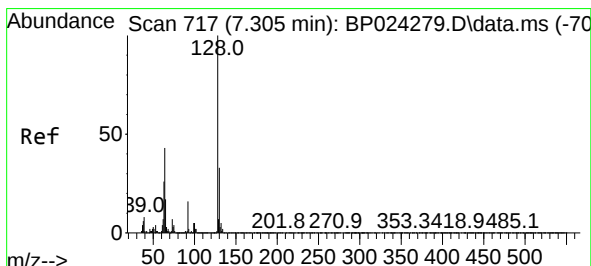
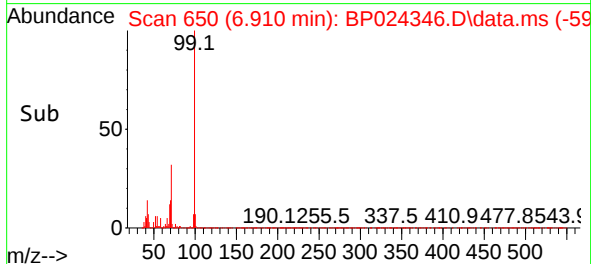
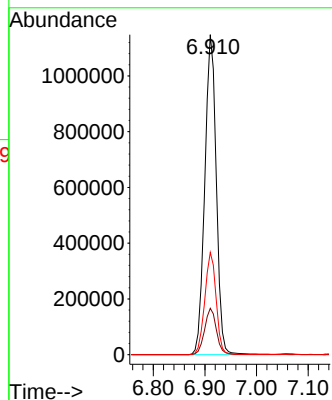
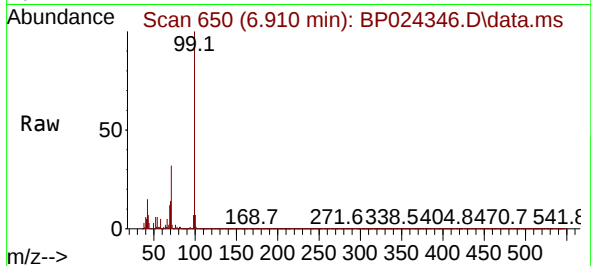




#7
Phenol-d6
Concen: 94.317 ng
RT: 6.910 min Scan# 610
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

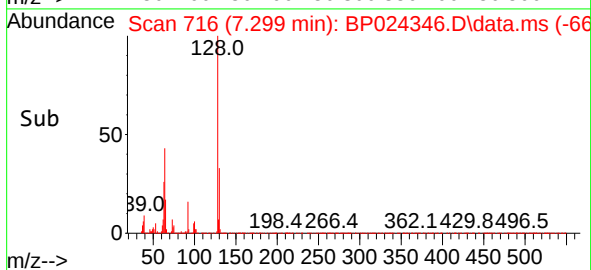
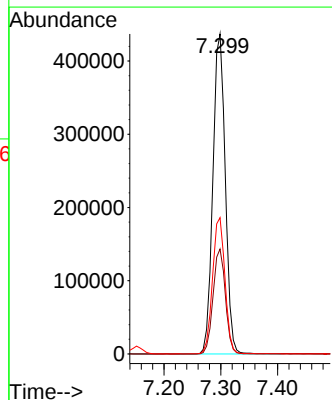
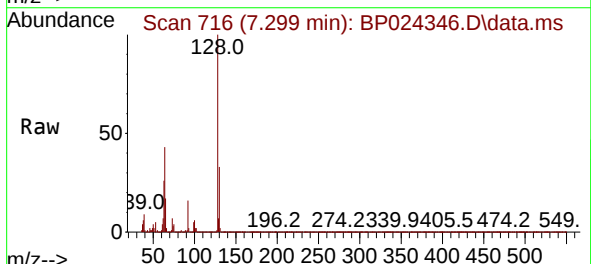
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

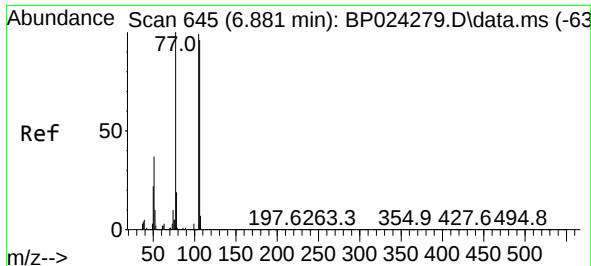
Tgt Ion: 99 Resp: 1773658
Ion Ratio Lower Upper
99 100
42 14.5 10.6 16.0
71 32.0 23.7 35.5



#8
2-Chlorophenol
Concen: 43.055 ng
RT: 7.299 min Scan# 716
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion: 128 Resp: 660178
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 42.6 22.7 62.7

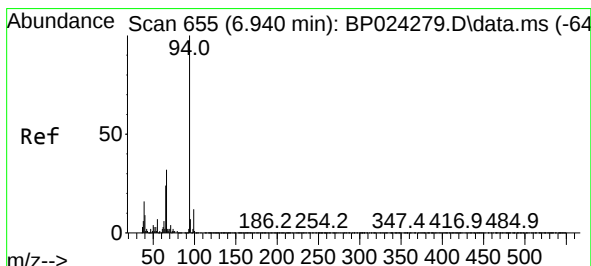
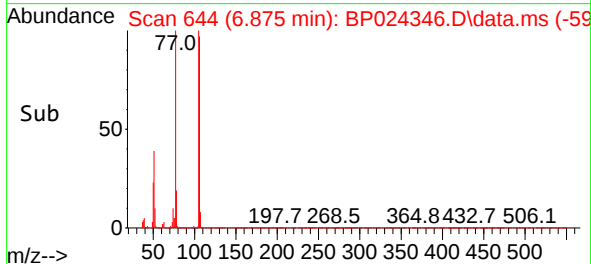
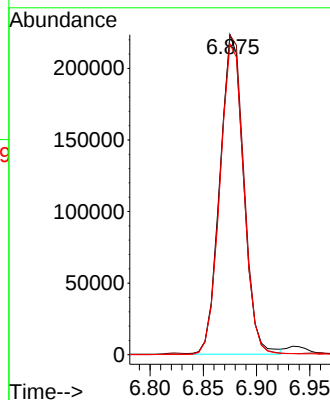
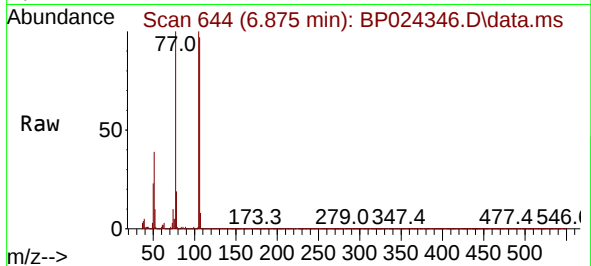




#9
Benzaldehyde
Concen: 37.148 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

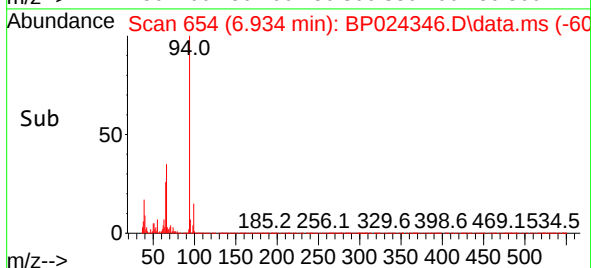
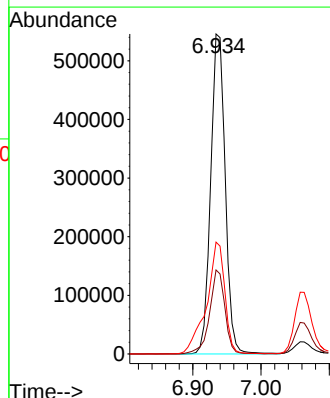
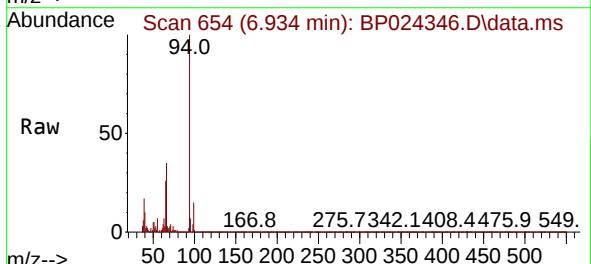
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

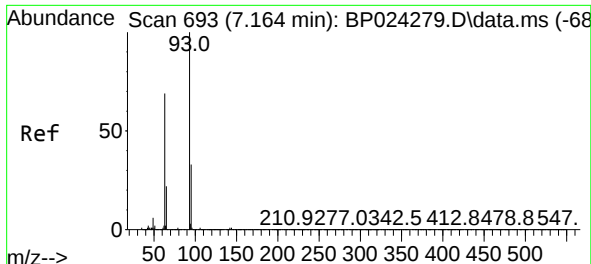
Tgt Ion: 77 Resp: 345556
Ion Ratio Lower Upper
77 100
105 99.9 79.2 119.2
106 97.1 76.2 116.2



#10
Phenol
Concen: 43.034 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion: 94 Resp: 811807
Ion Ratio Lower Upper
94 100
65 26.3 4.5 44.5
66 34.9 12.4 52.4

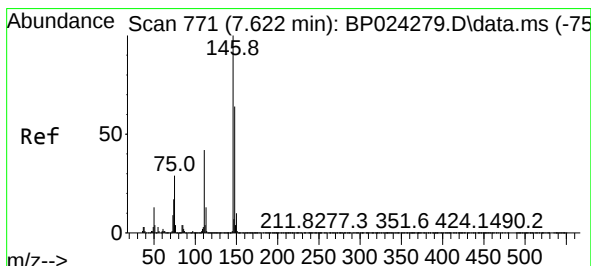
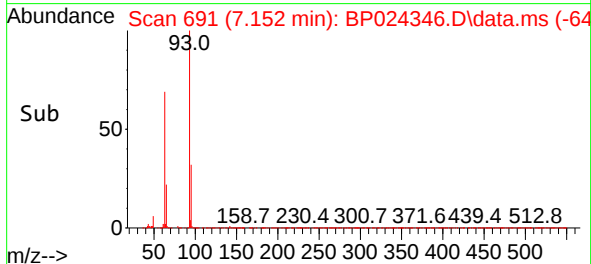
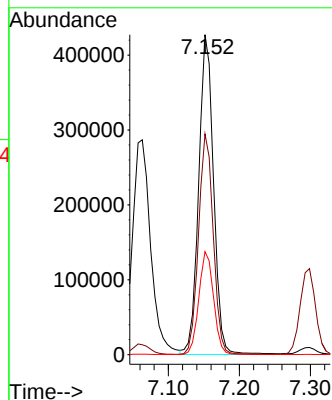
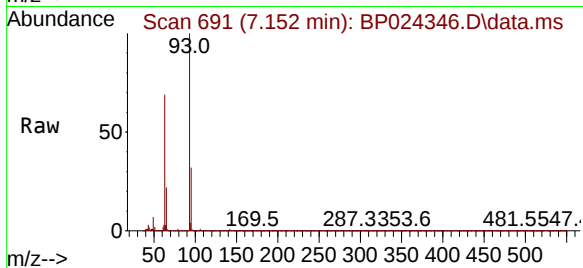




#11
bis(2-Chloroethyl)ether
Concen: 41.045 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

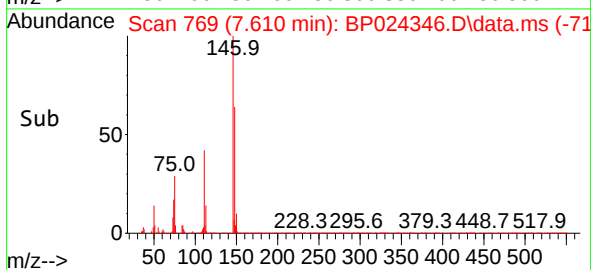
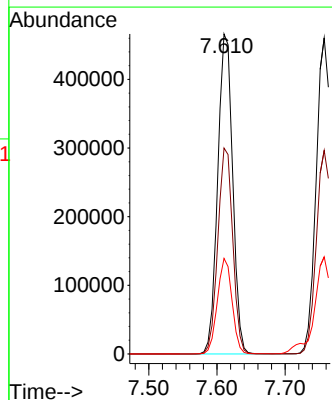
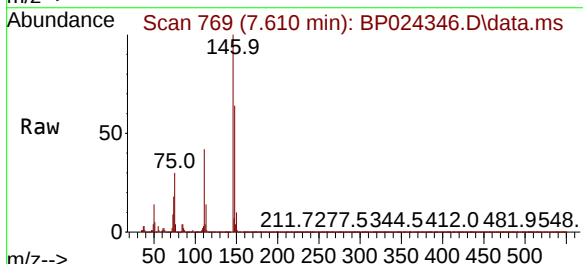
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

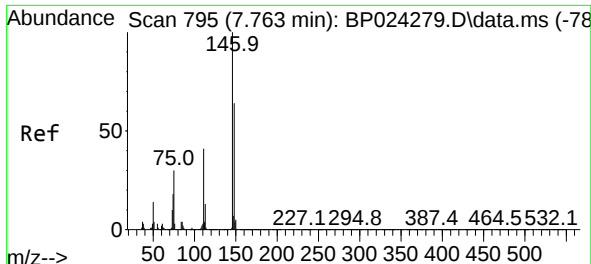
Tgt Ion: 93 Resp: 623849
Ion Ratio Lower Upper
93 100
63 69.0 48.6 88.6
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.131 ng
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion: 146 Resp: 711996
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 29.8 22.9 34.3

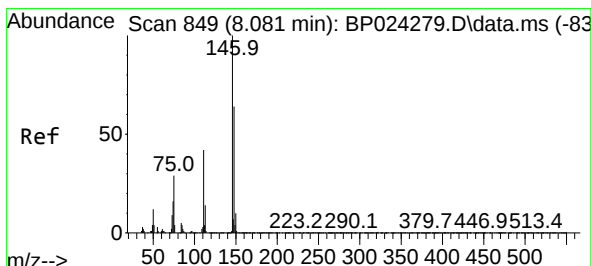
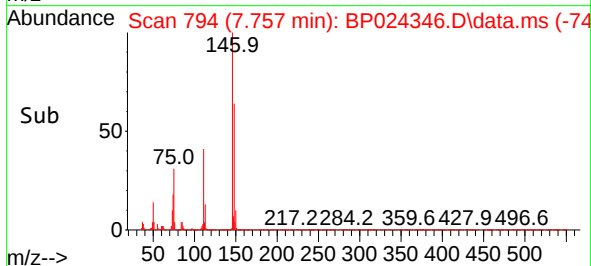
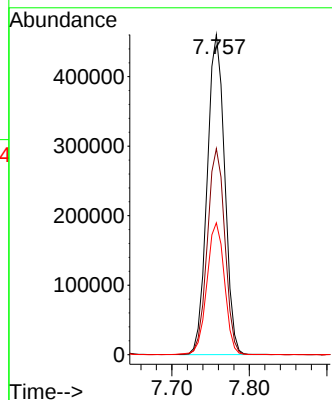
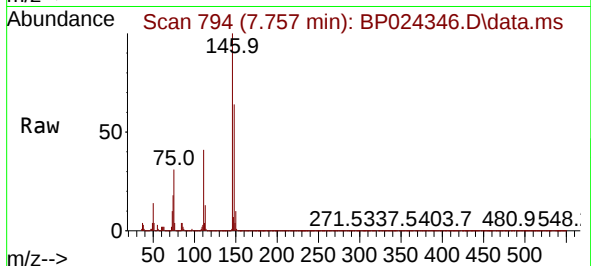




#13
1,4-Dichlorobenzene
Concen: 43.207 ng
RT: 7.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

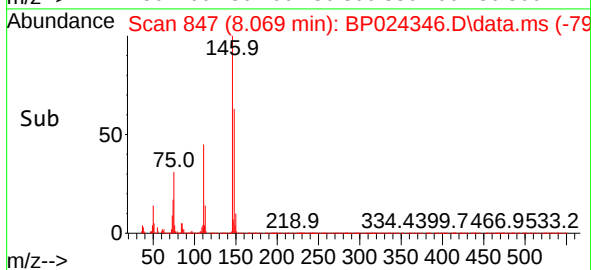
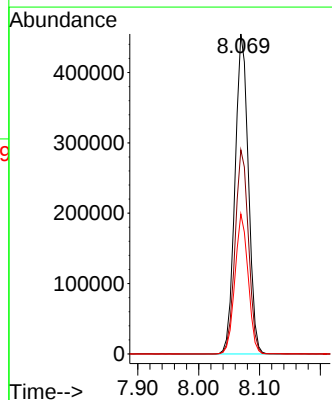
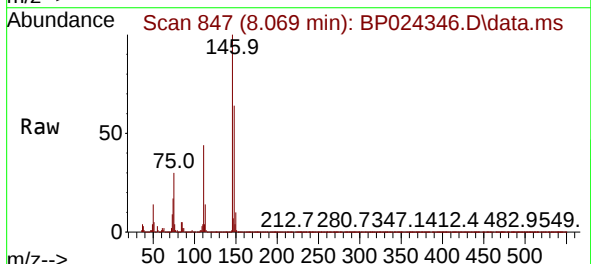
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

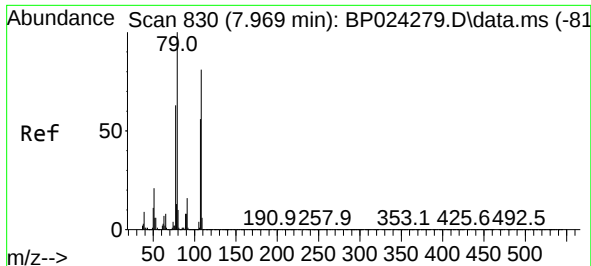
Tgt Ion:146 Resp: 723672
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 41.2 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 42.863 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:146 Resp: 693227
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
111 43.8 33.8 50.8

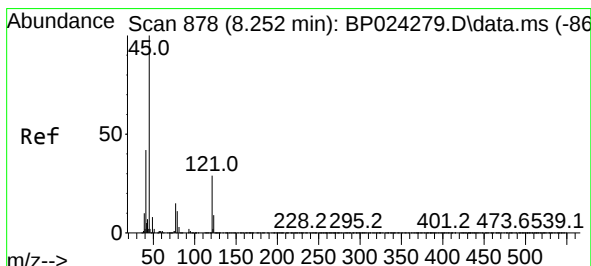
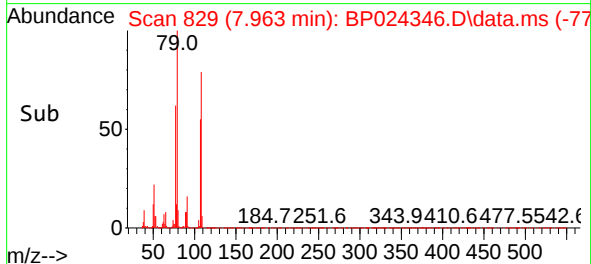
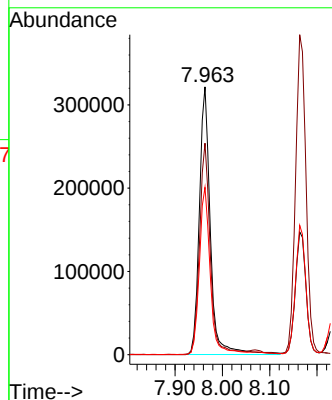
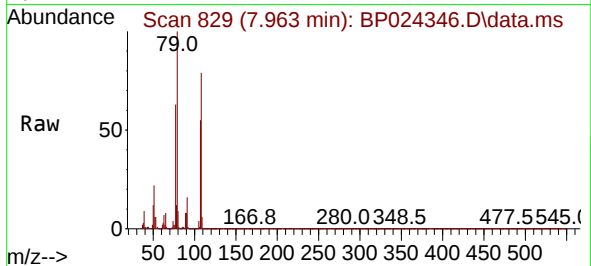




#15
Benzyl Alcohol
Concen: 42.822 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

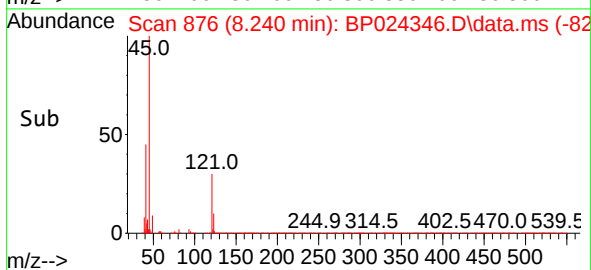
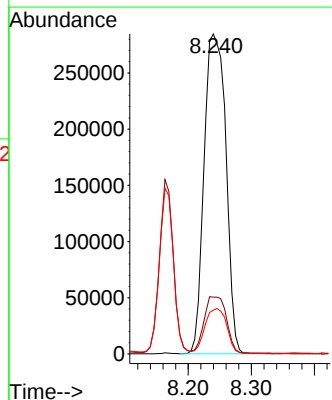
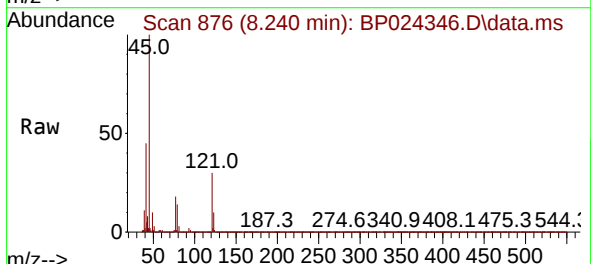
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

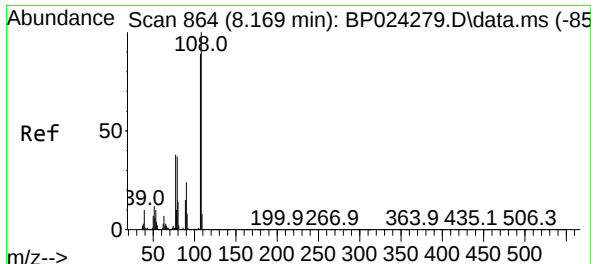
Tgt Ion: 79 Resp: 520773
Ion Ratio Lower Upper
79 100
108 79.0 65.1 97.7
77 62.5 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.466 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion: 45 Resp: 681234
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.7
79 13.6 0.0 33.5

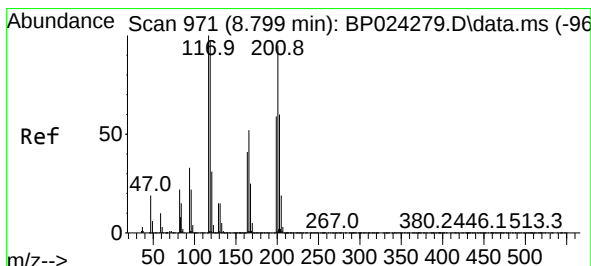
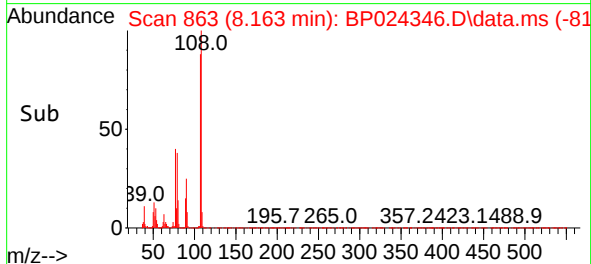
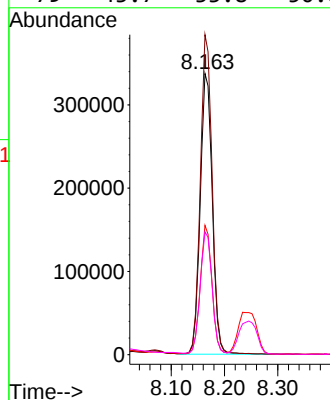
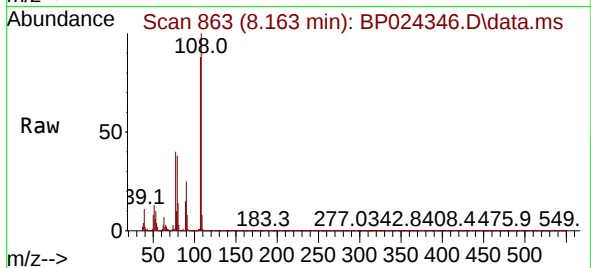




#17
2-Methylphenol
Concen: 43.292 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

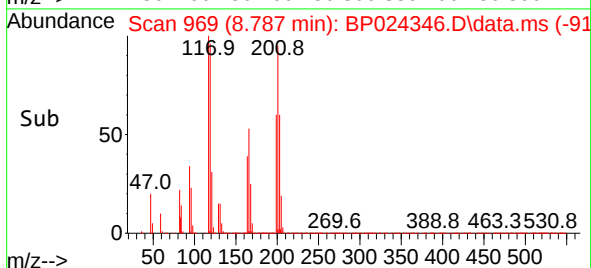
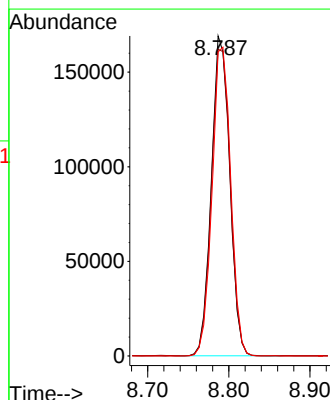
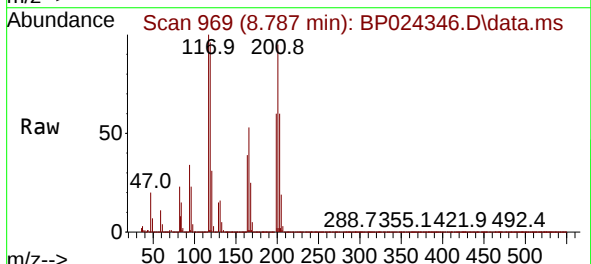
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

Tgt Ion:107 Resp: 528309
Ion Ratio Lower Upper
107 100
108 113.8 89.8 134.6
77 46.0 34.2 51.4
79 43.7 33.8 50.8



#18
Hexachloroethane
Concen: 44.170 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:117 Resp: 267356
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.6
201 95.0 75.9 113.9

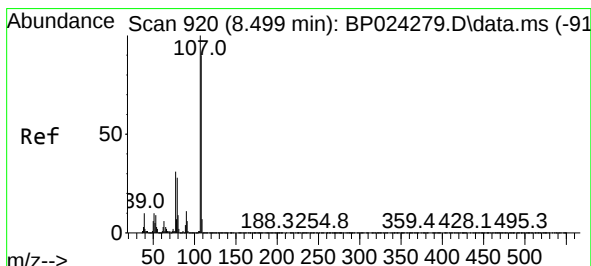
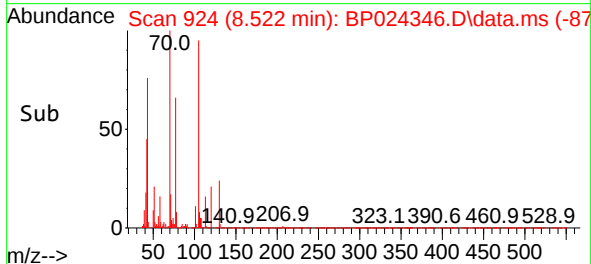
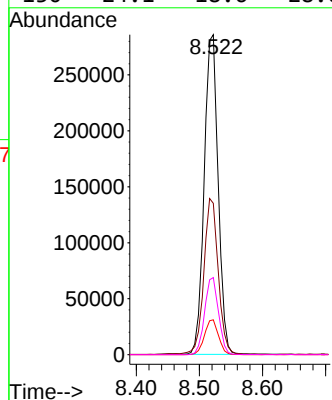
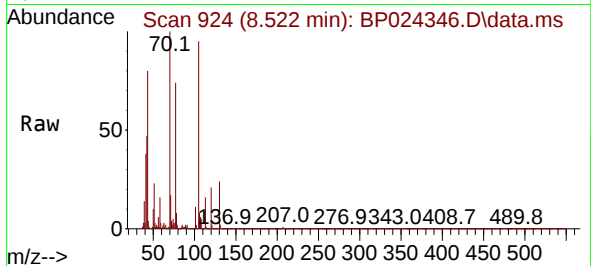




#19
n-Nitroso-di-n-propylamine
Concen: 37.777 ng
RT: 8.522 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

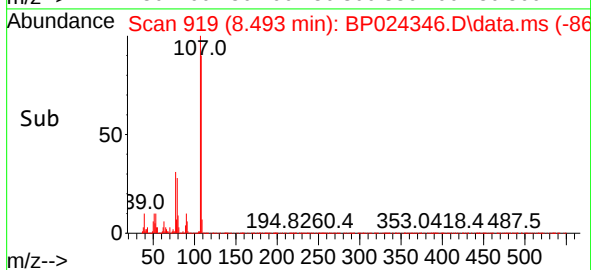
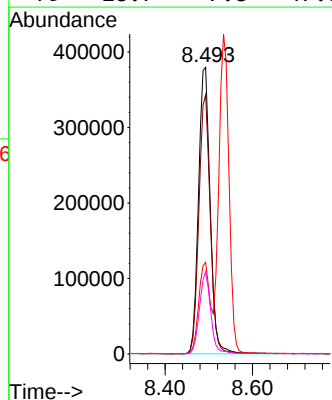
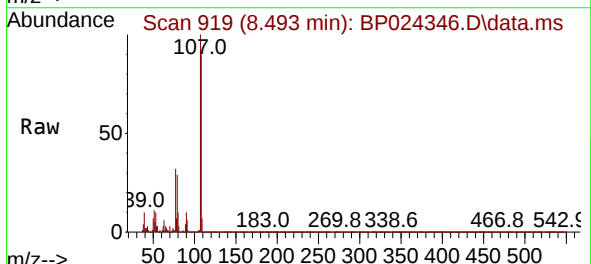
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

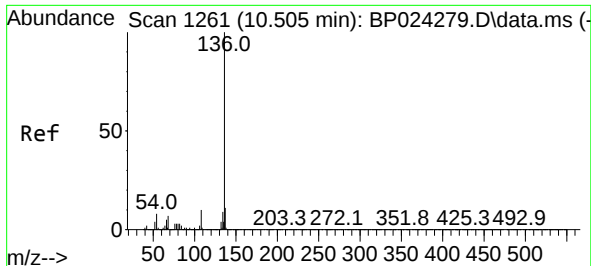
Tgt Ion: 70 Resp: 439499
Ion Ratio Lower Upper
70 100
42 47.3 37.3 55.9
101 10.9 8.2 12.4
130 24.1 18.6 28.0



#20
3+4-Methylphenols
Concen: 41.651 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion: 107 Resp: 705275
Ion Ratio Lower Upper
107 100
108 90.3 69.8 109.8
77 31.9 11.5 51.5
79 28.7 7.8 47.8

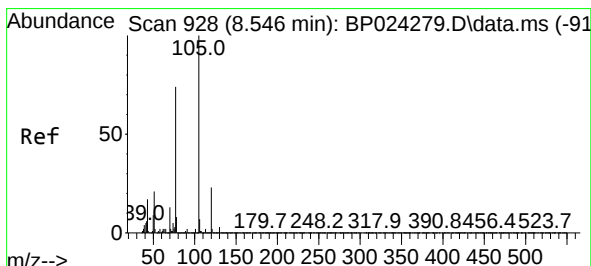
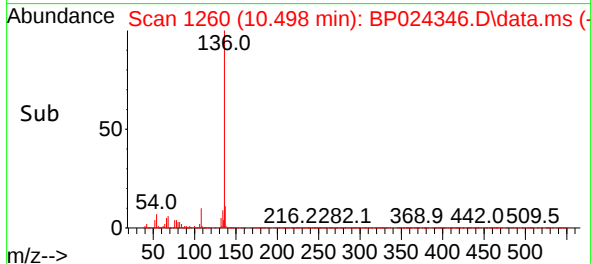
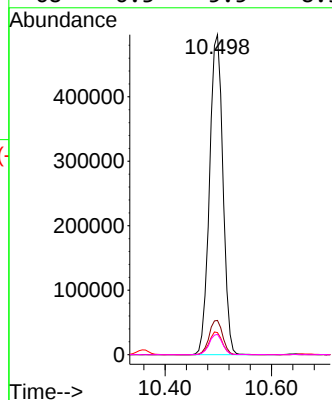
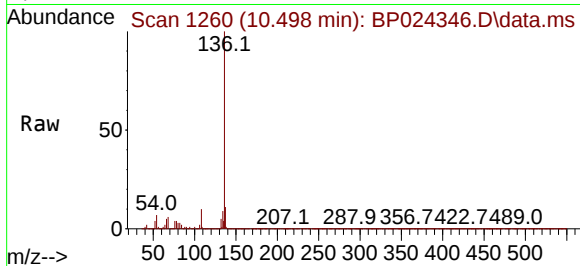




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

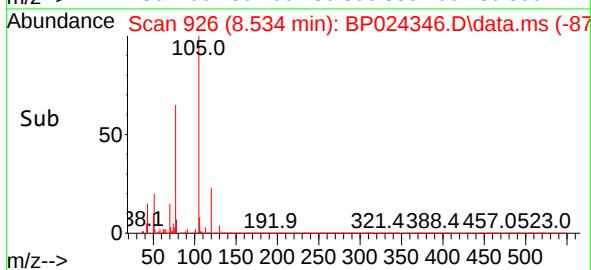
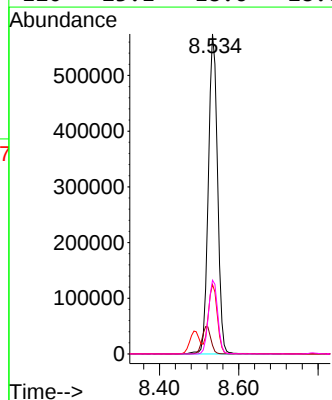
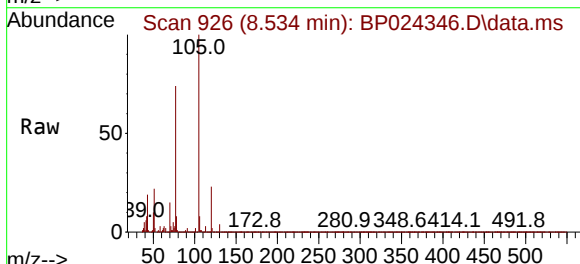
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

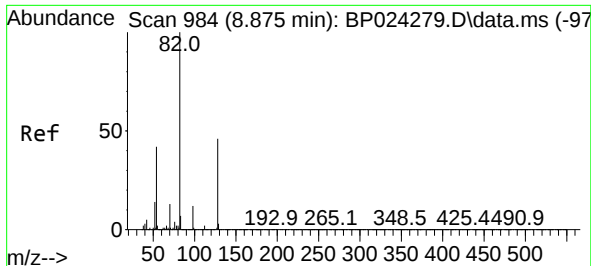
Tgt Ion:	136	Resp:	865779
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.9	6.0	9.0
68	6.3	5.5	8.3



#22
Acetophenone
Concen: 43.161 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:	105	Resp:	924882
Ion	Ratio	Lower	Upper
105	100		
71	2.7	1.7	2.5
51	21.7	16.9	25.3
120	23.1	18.6	28.0

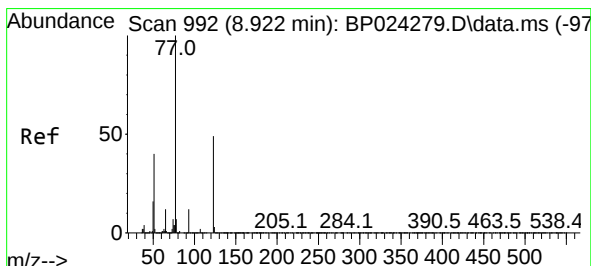
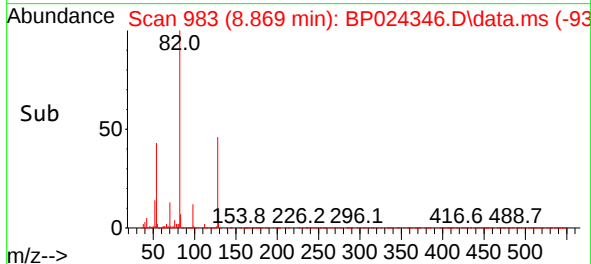
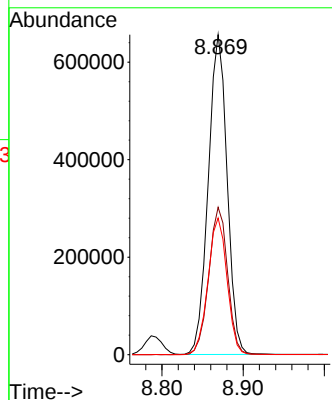
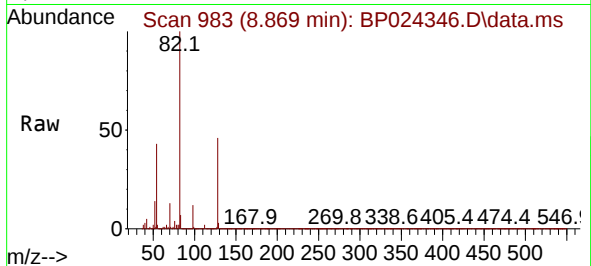




#23
Nitrobenzene-d5
Concen: 69.657 ng
RT: 8.869 min Scan# 910
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

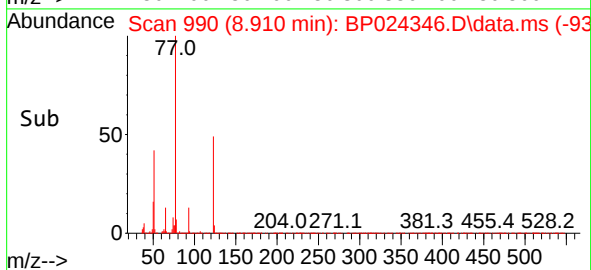
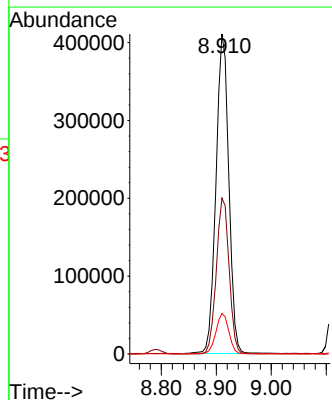
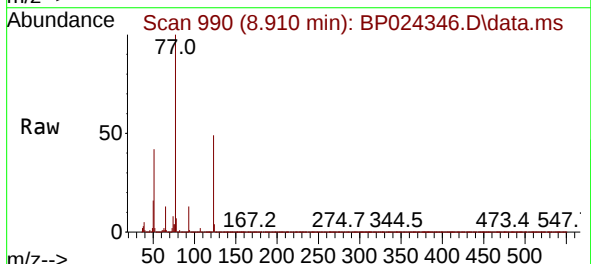
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

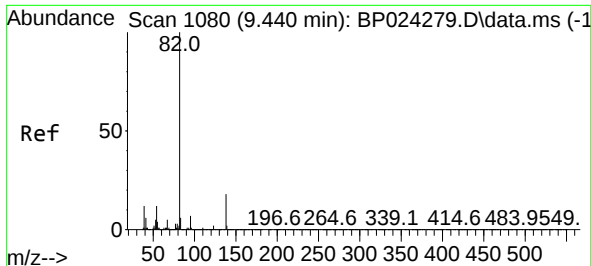
Tgt Ion: 82 Resp: 1057641
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 42.7 33.4 50.2



#24
Nitrobenzene
Concen: 44.303 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion: 77 Resp: 665444
Ion Ratio Lower Upper
77 100
123 48.7 39.2 58.8
65 12.7 9.8 14.6

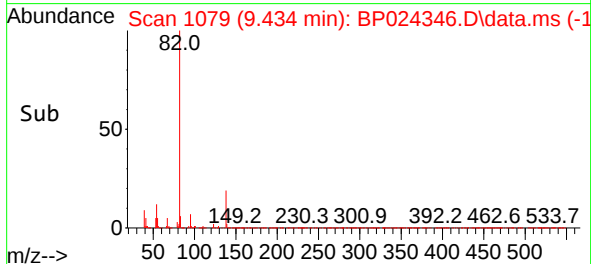
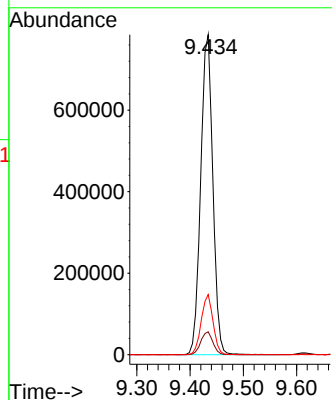
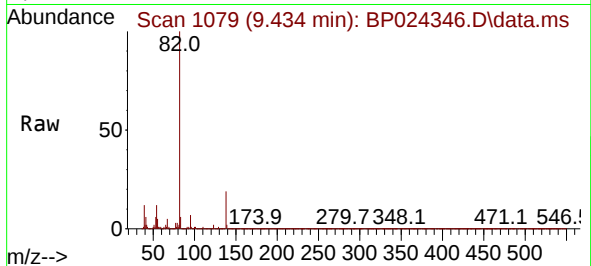




#25
Isophorone
Concen: 45.052 ng
RT: 9.434 min Scan# 110
Delta R.T. 0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

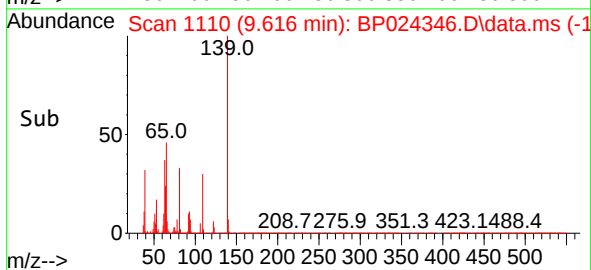
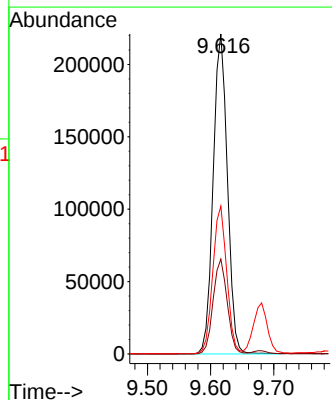
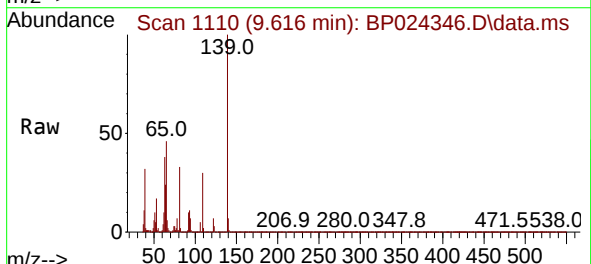
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

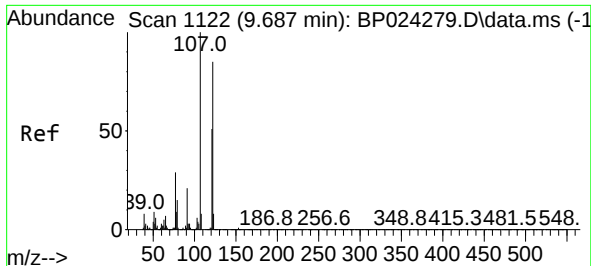
Tgt Ion: 82 Resp: 1238177
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 18.8 14.4 21.6



#26
2-Nitrophenol
Concen: 46.971 ng
RT: 9.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion: 139 Resp: 345265
Ion Ratio Lower Upper
139 100
109 29.6 21.8 32.6
65 46.2 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 62.517 ng

RT: 9.681 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BP024346.D

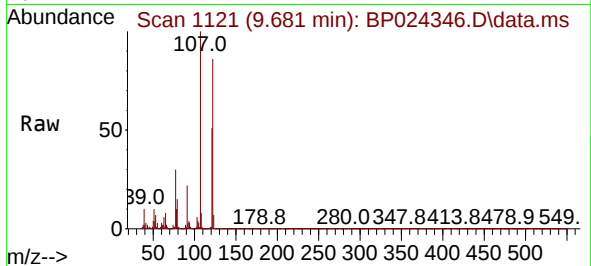
Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS



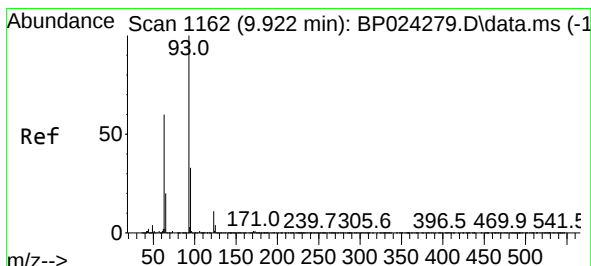
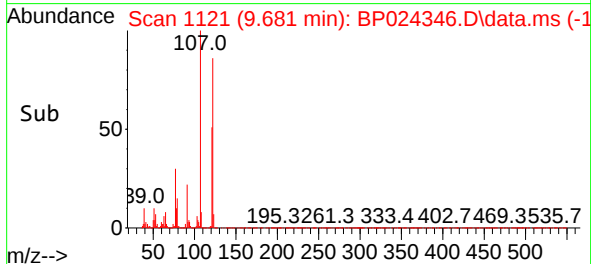
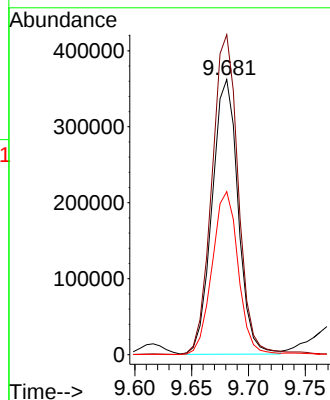
Tgt Ion:122 Resp: 577002

Ion Ratio Lower Upper

122 100

107 116.3 93.7 140.5

121 59.2 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.147 ng

RT: 9.910 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

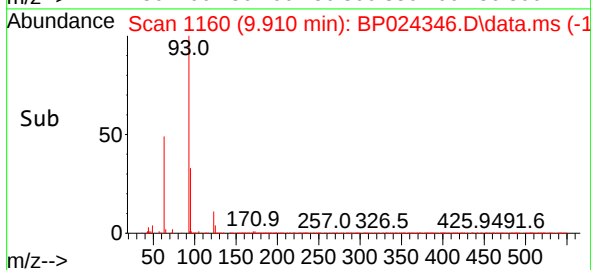
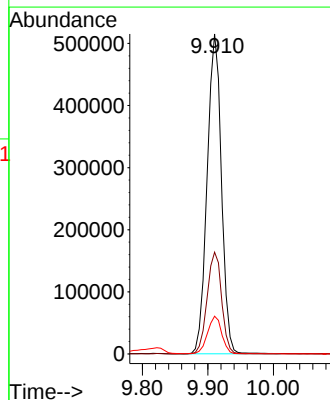
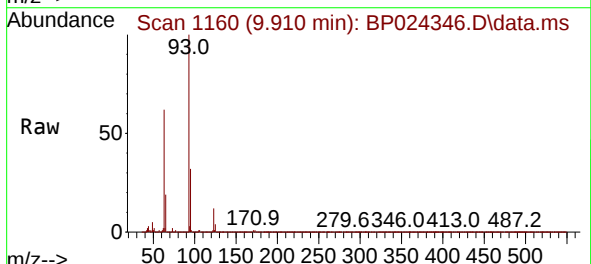
Tgt Ion: 93 Resp: 782497

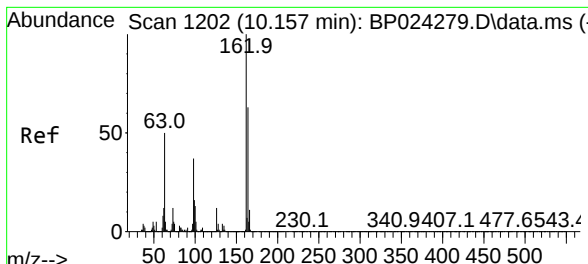
Ion Ratio Lower Upper

93 100

95 31.8 26.0 39.0

123 11.8 9.1 13.7

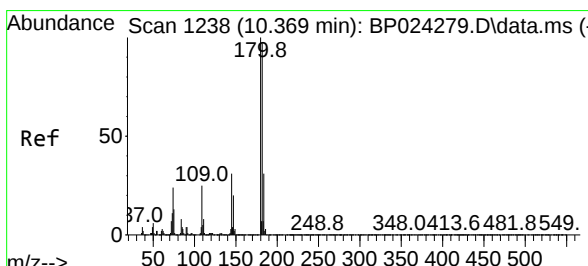
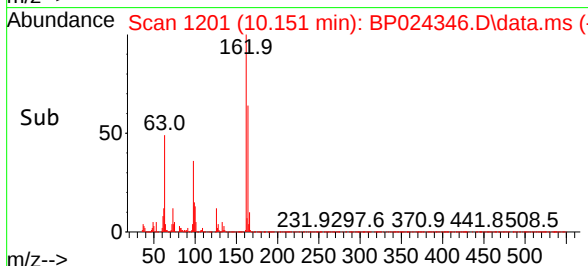
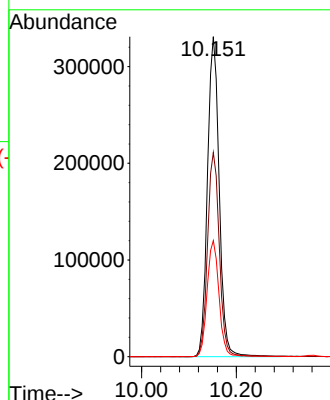
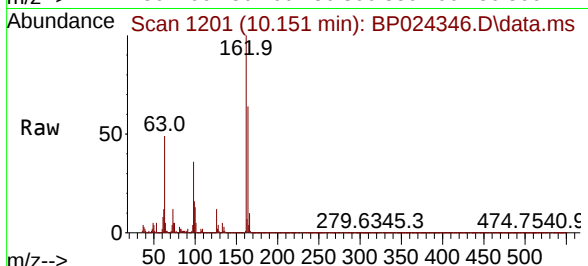




#29
2,4-Dichlorophenol
Concen: 45.192 ng
RT: 10.151 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

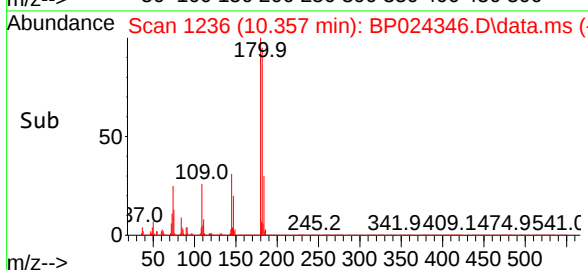
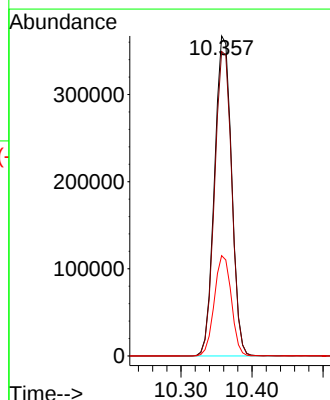
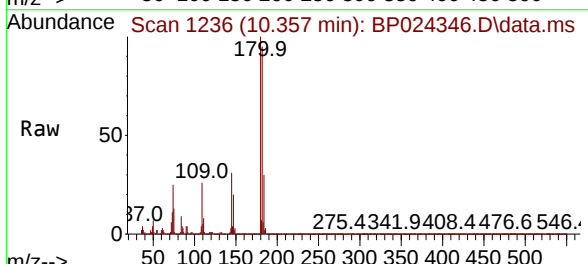
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

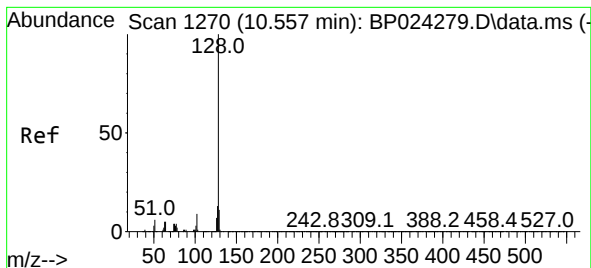
Tgt Ion:162 Resp: 568719
Ion Ratio Lower Upper
162 100
164 63.8 43.3 83.3
98 36.3 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 45.367 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:180 Resp: 611698
Ion Ratio Lower Upper
180 100
182 95.2 77.3 115.9
145 31.3 25.1 37.7





#31

Naphthalene

Concen: 41.678 ng

RT: 10.545 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

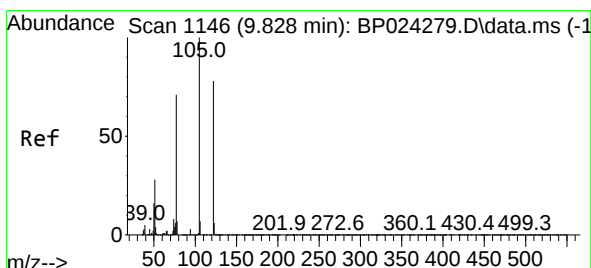
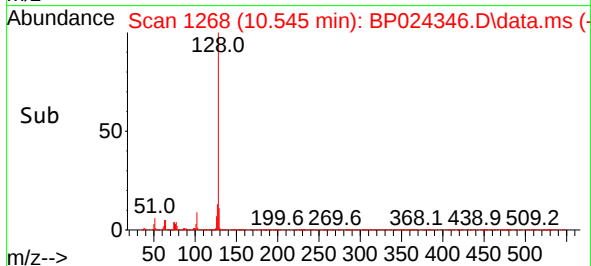
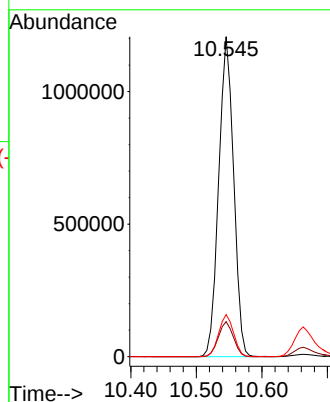
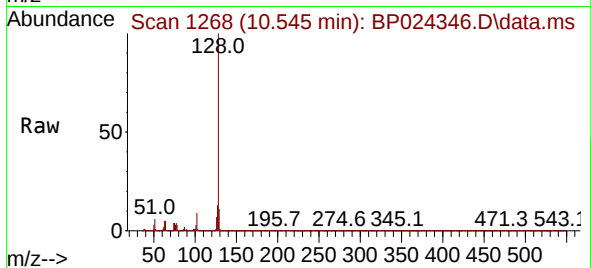
Tgt Ion:128 Resp: 1900777

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.2 10.3 15.5



#32

Benzoic acid

Concen: 38.436 ng

RT: 9.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

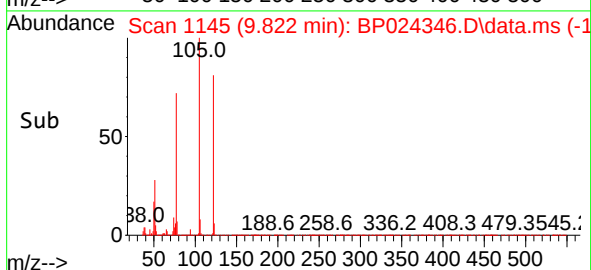
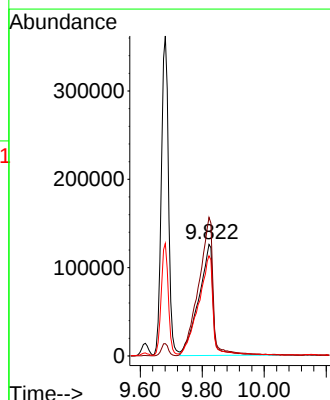
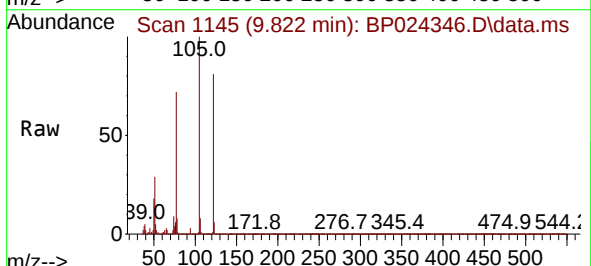
Tgt Ion:122 Resp: 413353

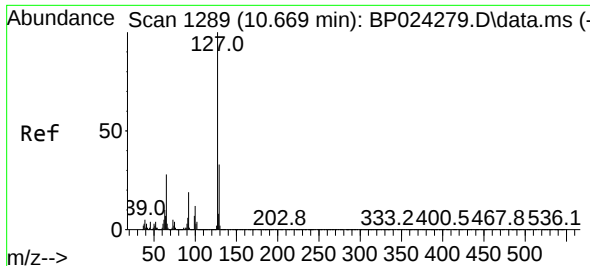
Ion Ratio Lower Upper

122 100

105 124.1 104.8 144.8

77 89.8 69.2 109.2

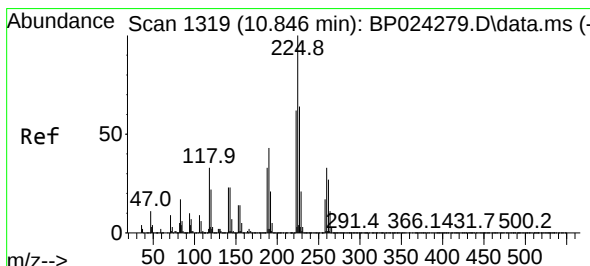
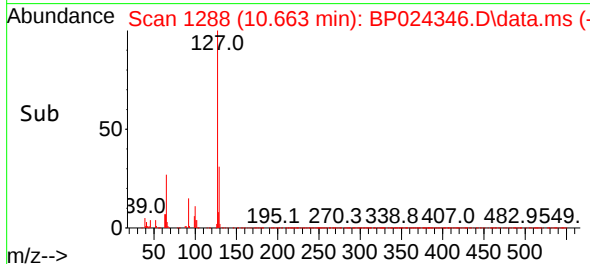
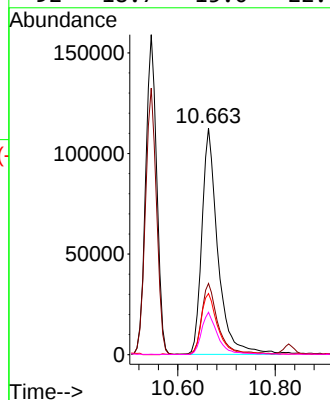
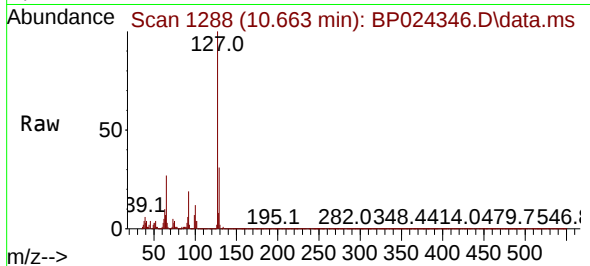




#33
4-Chloroaniline
Concen: 15.902 ng
RT: 10.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

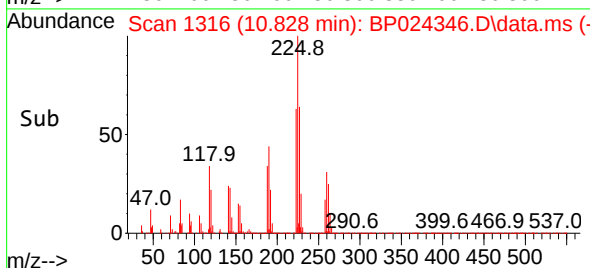
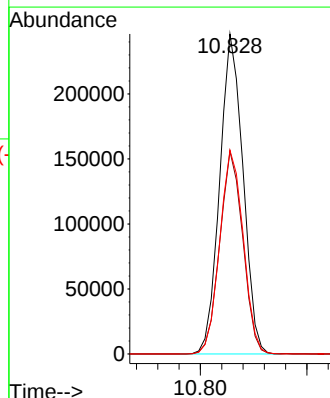
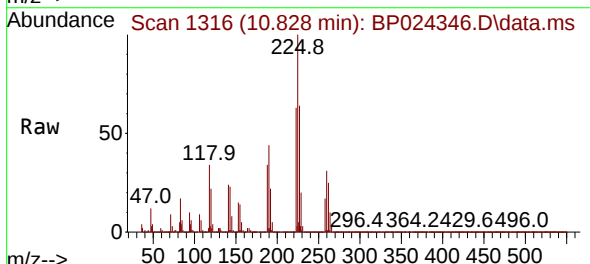
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

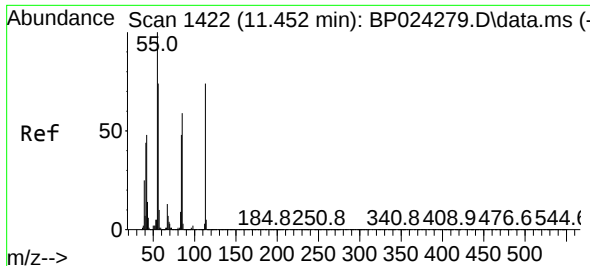
Tgt Ion:127	Resp: 255389
Ion Ratio	Lower Upper
127 100	
129 31.5	26.1 39.1
65 27.0	22.1 33.1
92 18.7	15.0 22.4



#34
Hexachlorobutadiene
Concen: 47.013 ng
RT: 10.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt	Ion:225	Resp:	372492
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.5	74.3
227	63.7	50.9	76.3

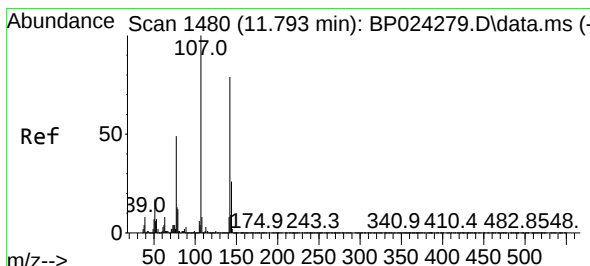
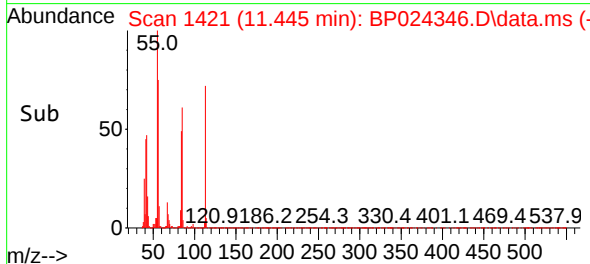
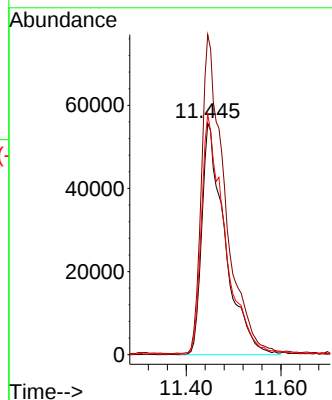
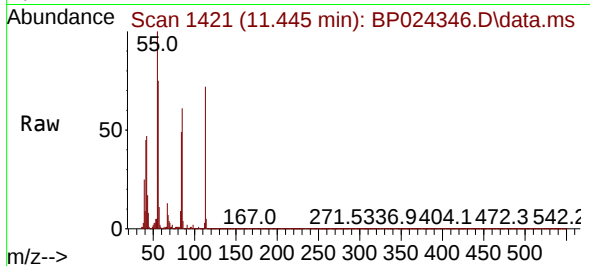




#35
 Caprolactam
 Concen: 40.694 ng
 RT: 11.445 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: BP024346.D
 Acq: 18 Apr 2025 17:26

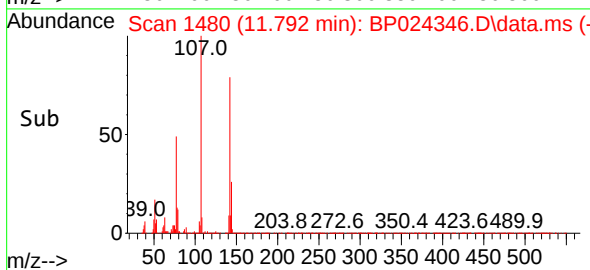
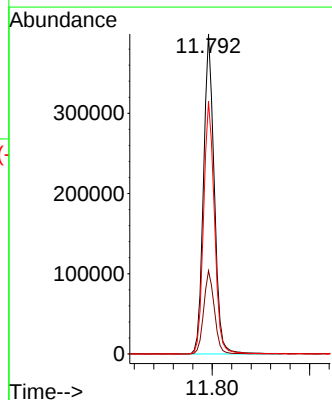
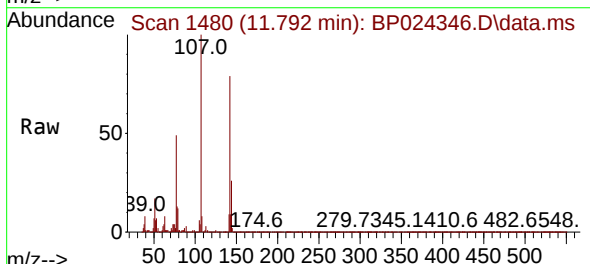
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-04MS

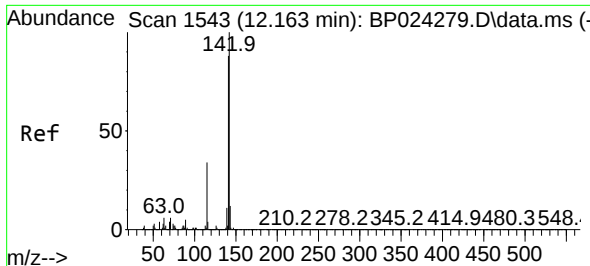
Tgt Ion:113 Resp: 188960
 Ion Ratio Lower Upper
 113 100
 55 138.3 115.9 155.9
 56 103.9 81.1 121.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.509 ng
 RT: 11.792 min Scan# 1480
 Delta R.T. -0.000 min
 Lab File: BP024346.D
 Acq: 18 Apr 2025 17:26

Tgt Ion:107 Resp: 608439
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 78.9 63.4 95.2

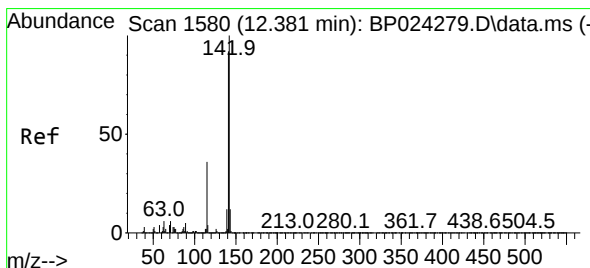
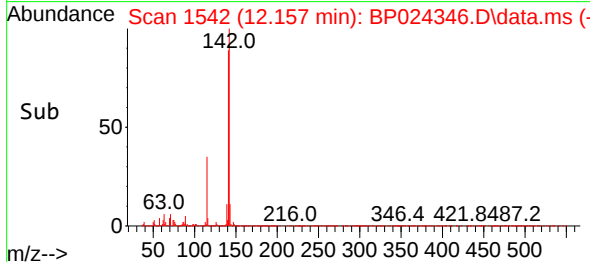
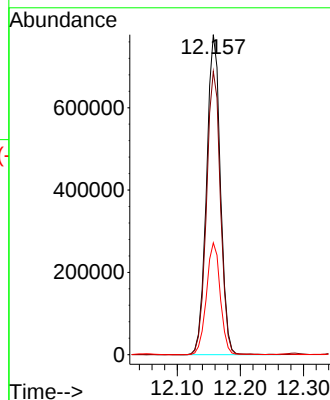
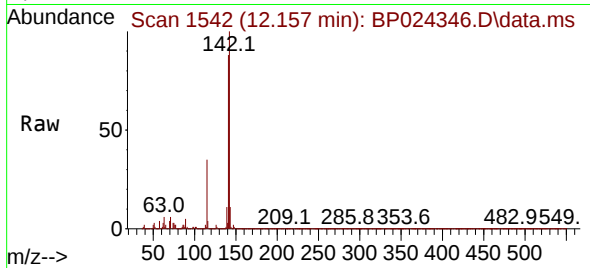




#37
2-Methylnaphthalene
Concen: 37.459 ng
RT: 12.157 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

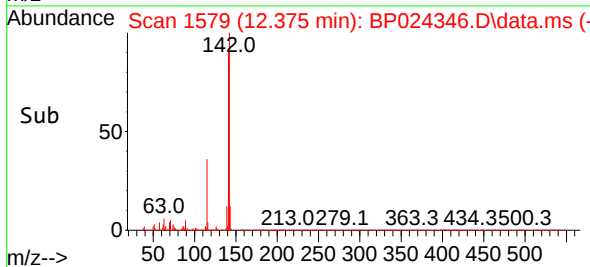
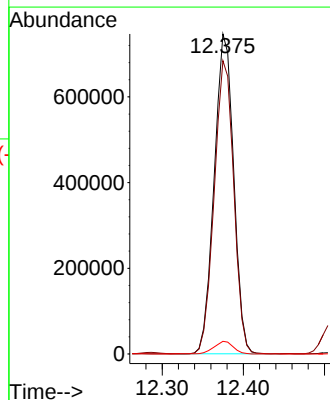
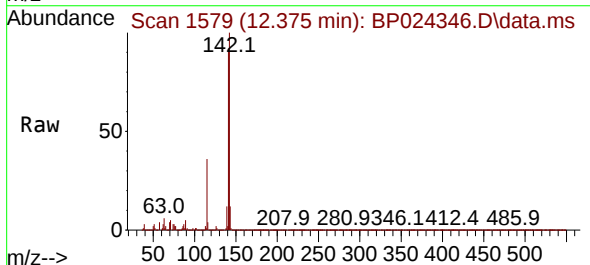
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

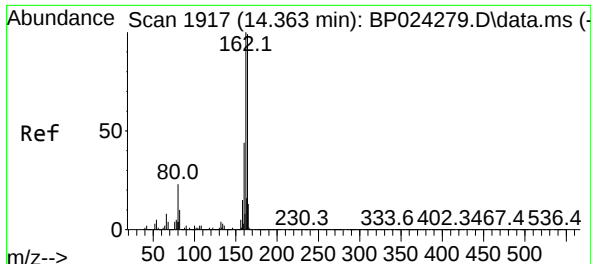
Tgt Ion:142 Resp: 1184791
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 35.0 26.9 40.3



#38
1-Methylnaphthalene
Concen: 40.236 ng
RT: 12.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:142 Resp: 1244956
Ion Ratio Lower Upper
142 100
141 91.6 73.6 110.4
116 3.9 3.0 4.6

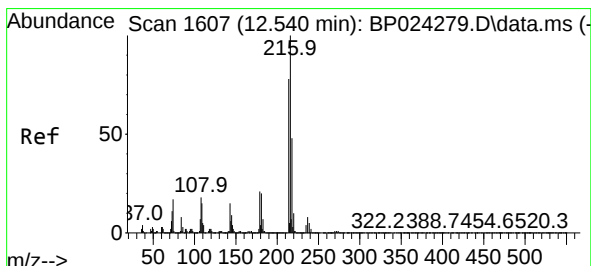
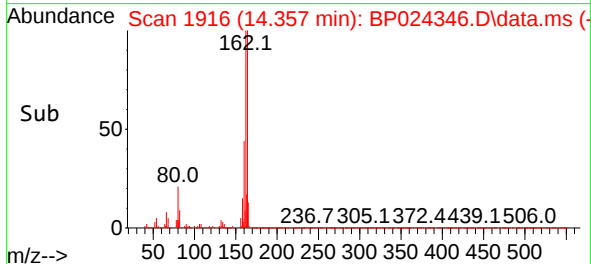
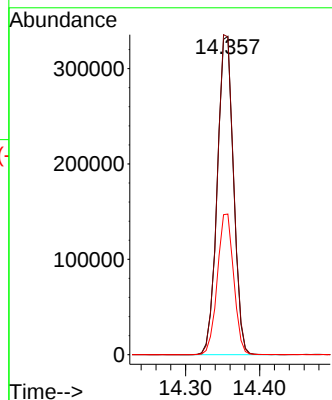
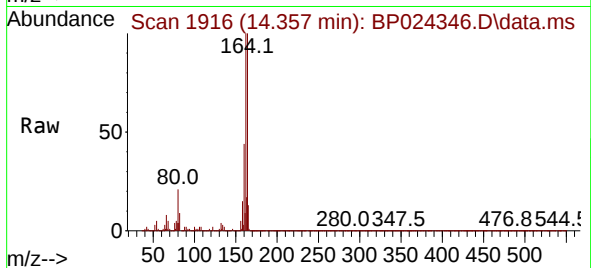




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

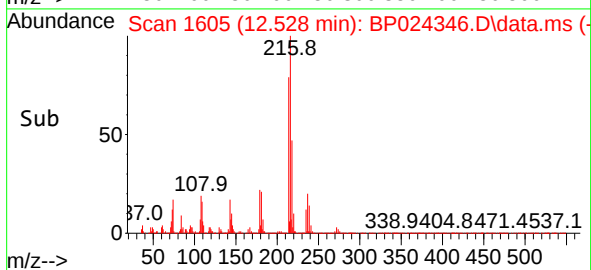
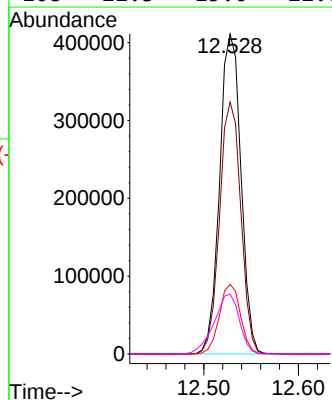
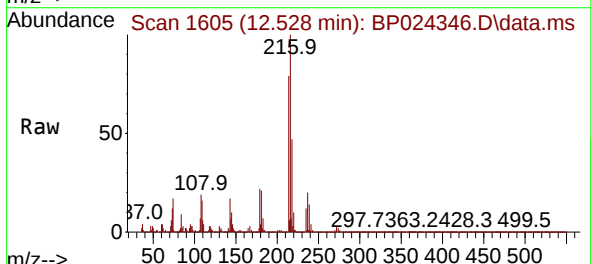
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

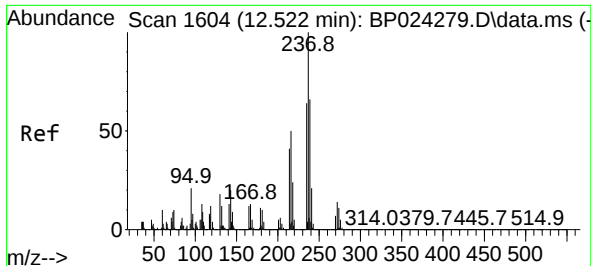
Tgt Ion:164 Resp: 506692
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 44.2 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.158 ng
RT: 12.528 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:216 Resp: 643174
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 21.6 17.2 25.8
108 22.3 15.0 22.6

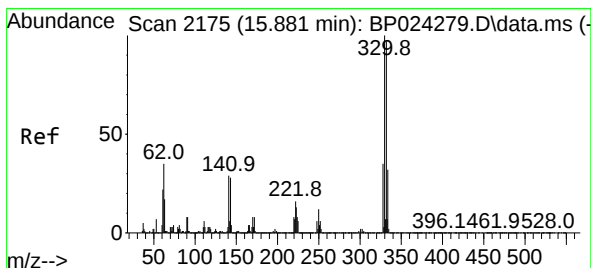
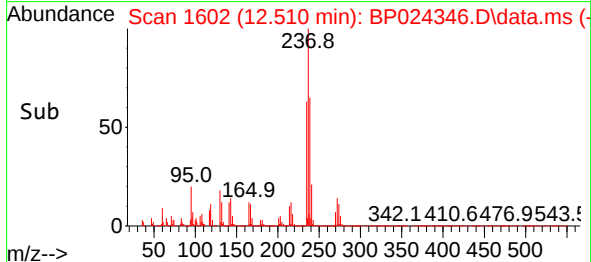
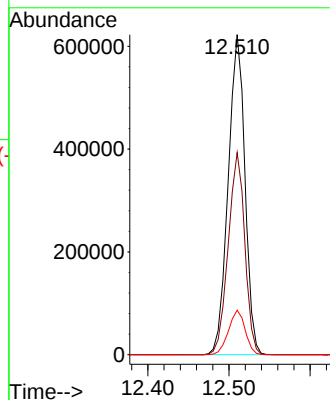
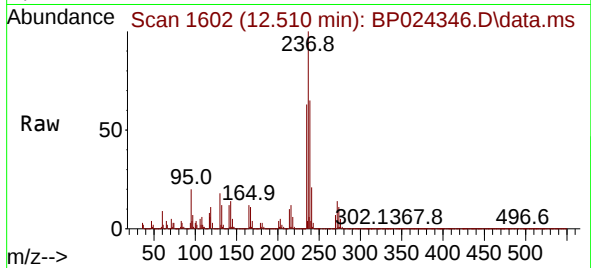




#41
Hexachlorocyclopentadiene
Concen: 181.050 ng
RT: 12.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

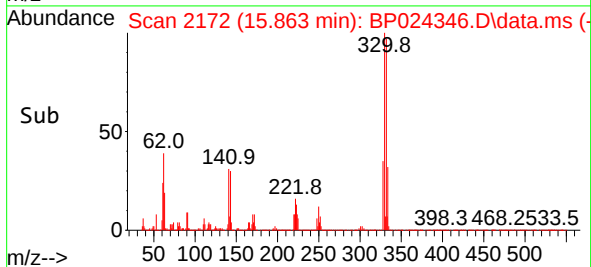
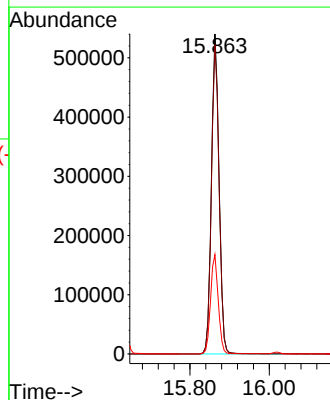
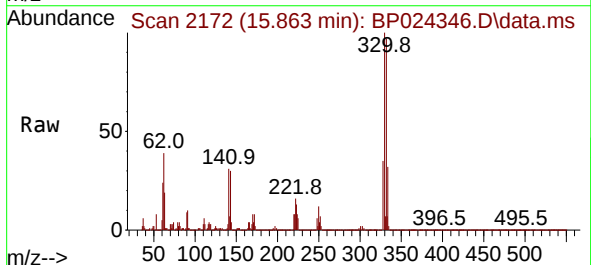
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

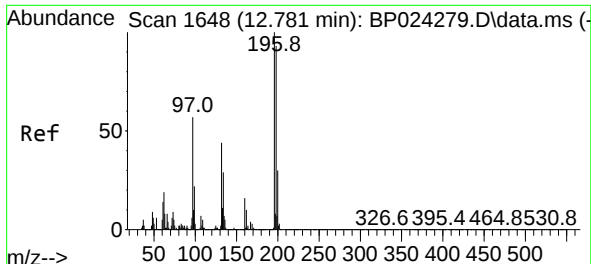
Tgt Ion:237 Resp: 892237
Ion Ratio Lower Upper
237 100
235 63.2 43.9 83.9
272 13.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 103.529 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:330 Resp: 725774
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.2 24.7 37.1

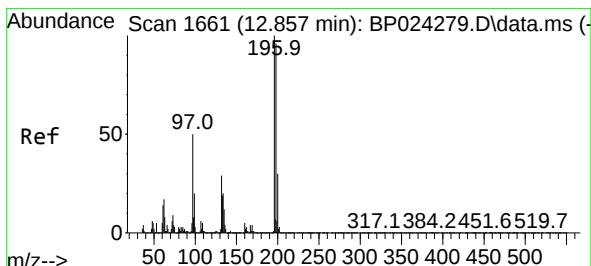
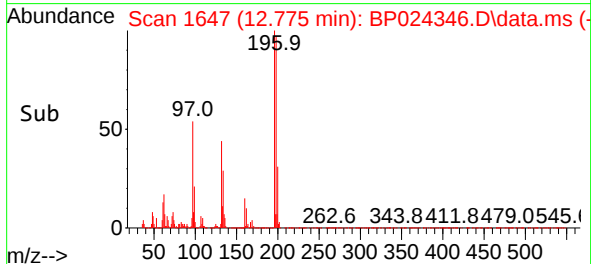
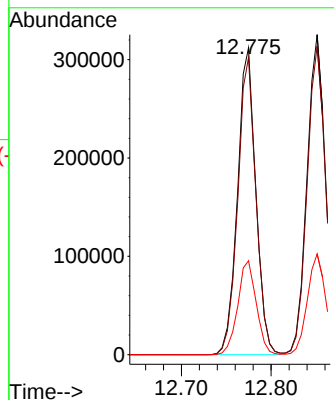
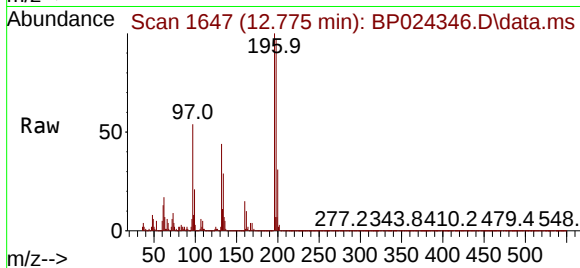




#43
2,4,6-Trichlorophenol
Concen: 47.678 ng
RT: 12.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

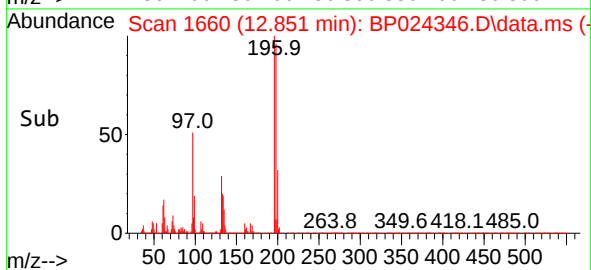
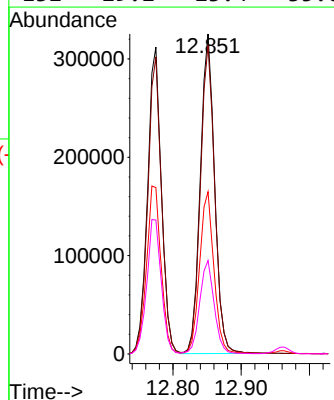
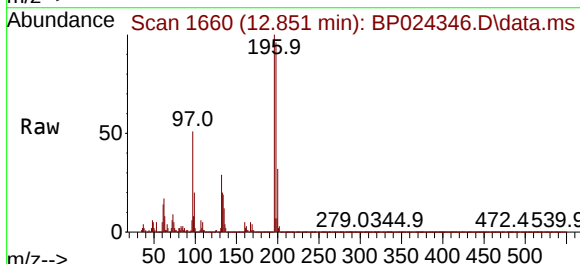
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

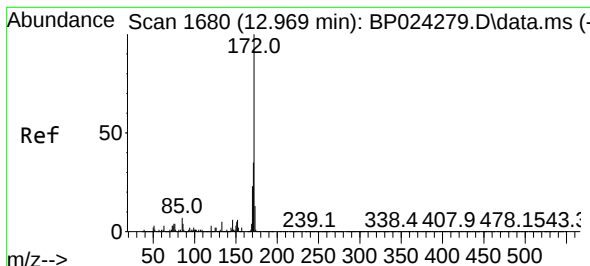
Tgt Ion:196 Resp: 441696
Ion Ratio Lower Upper
196 100
198 96.8 74.3 111.5
200 30.6 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 46.470 ng
RT: 12.851 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:196 Resp: 476729
Ion Ratio Lower Upper
196 100
198 96.5 77.3 115.9
97 50.7 40.4 60.6
132 29.2 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 65.525 ng

RT: 12.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

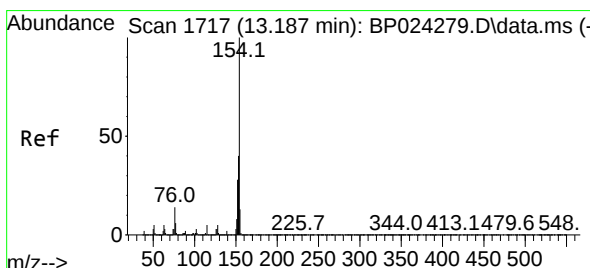
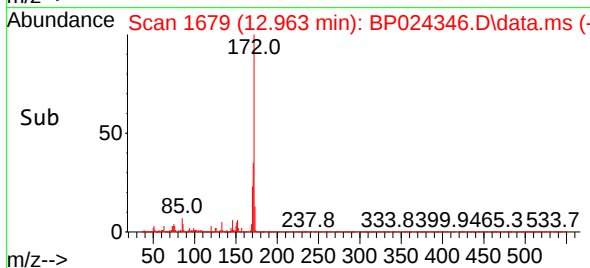
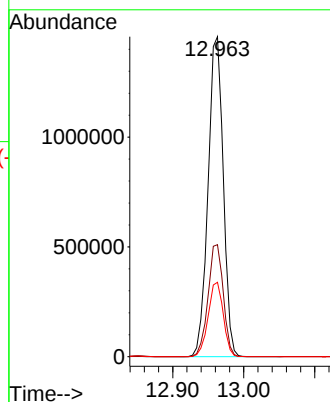
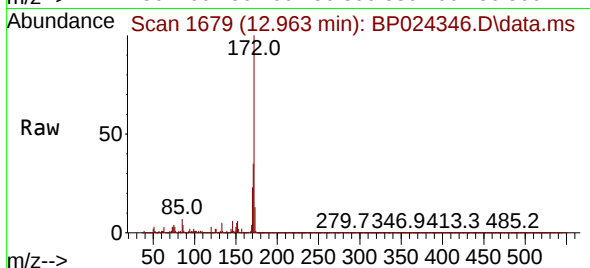
Tgt Ion:172 Resp: 2168428

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.2 18.6 27.8



#46

1,1'-Biphenyl

Concen: 43.814 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

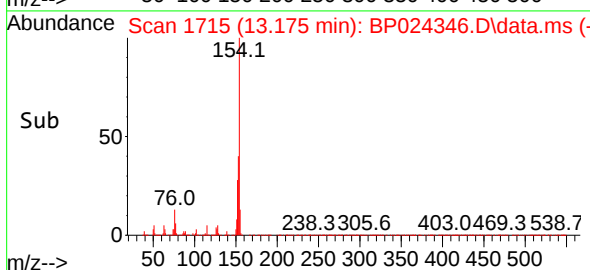
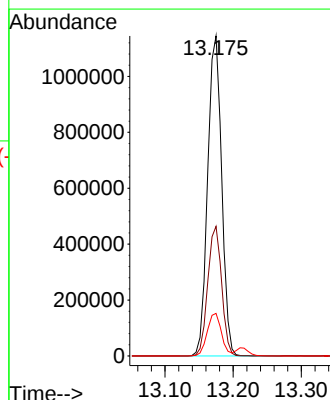
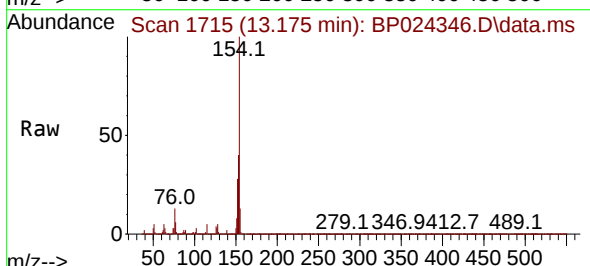
Tgt Ion:154 Resp: 1631849

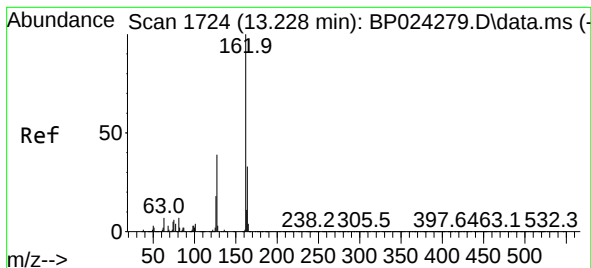
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.3 0.0 33.5





#47

2-Chloronaphthalene

Concen: 44.607 ng

RT: 13.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

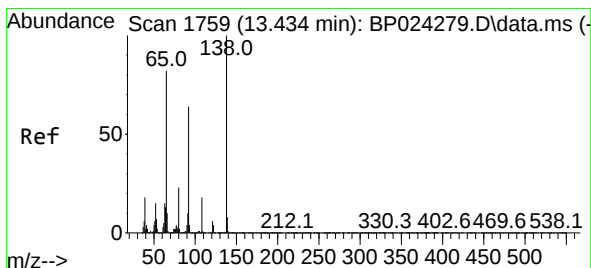
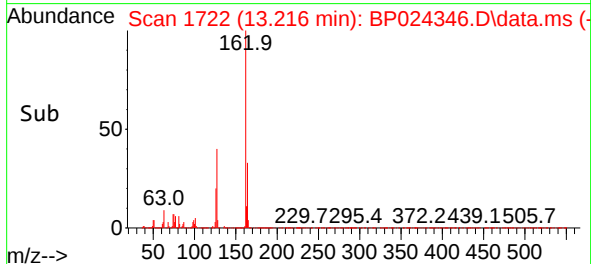
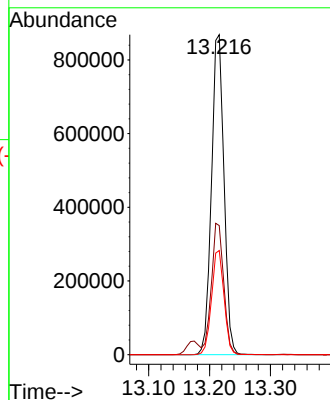
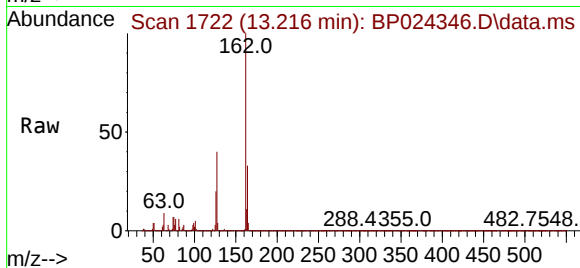
Tgt Ion:162 Resp: 1241685

Ion Ratio Lower Upper

162 100

127 40.4 31.9 47.9

164 32.6 26.2 39.4



#48

2-Nitroaniline

Concen: 46.914 ng

RT: 13.428 min Scan# 1758

Delta R.T. 0.006 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

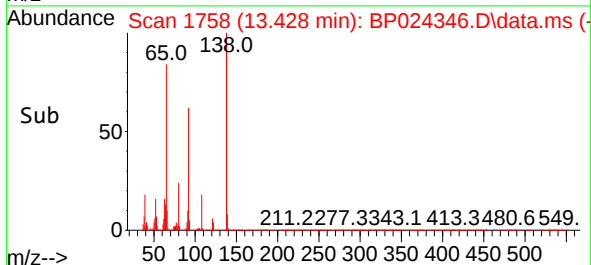
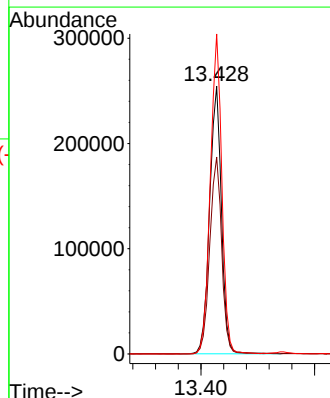
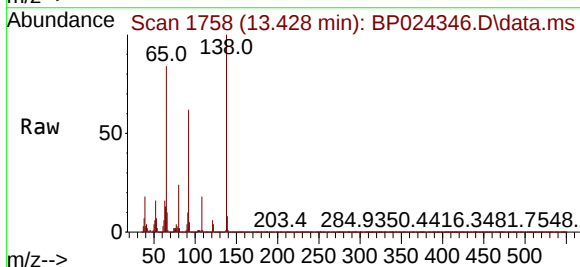
Tgt Ion: 65 Resp: 366309

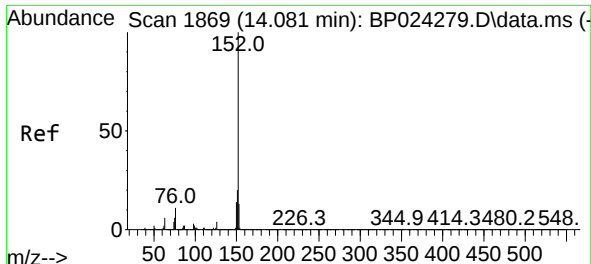
Ion Ratio Lower Upper

65 100

92 73.5 62.3 93.5

138 119.5 97.2 145.8

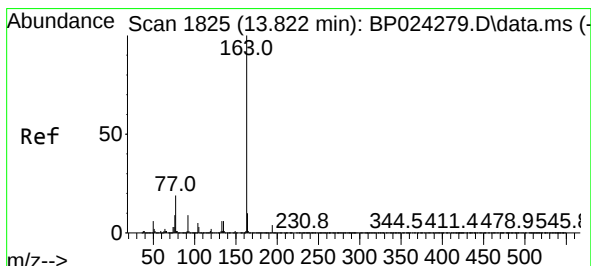
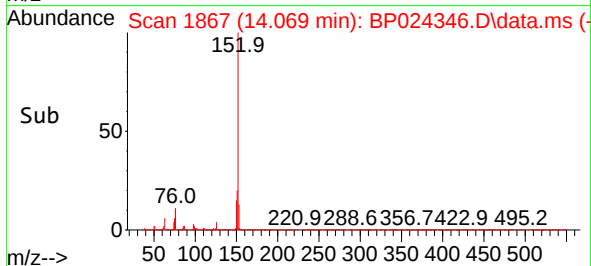
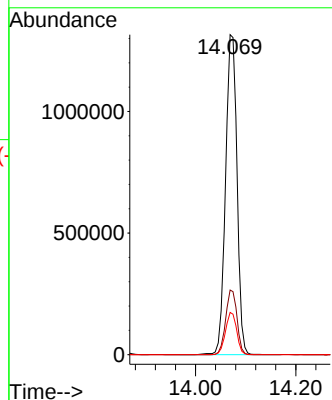
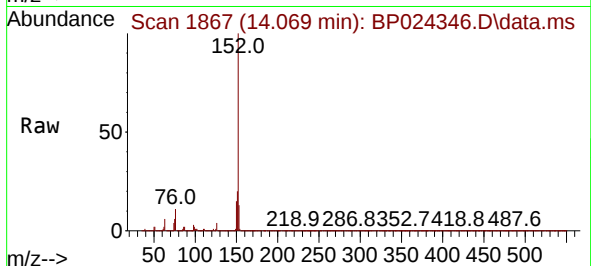




#49
Acenaphthylene
Concen: 47.577 ng
RT: 14.069 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

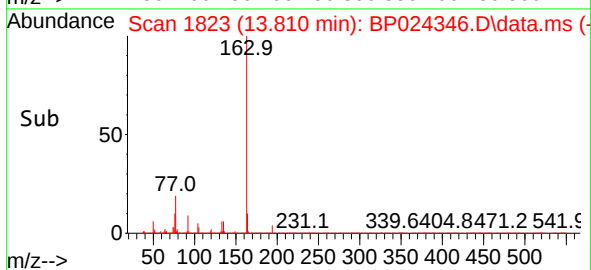
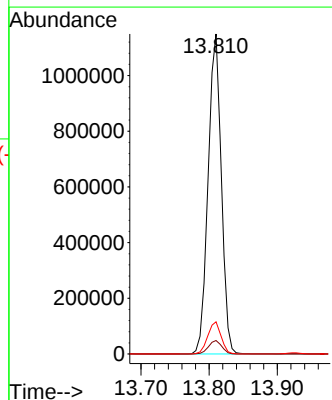
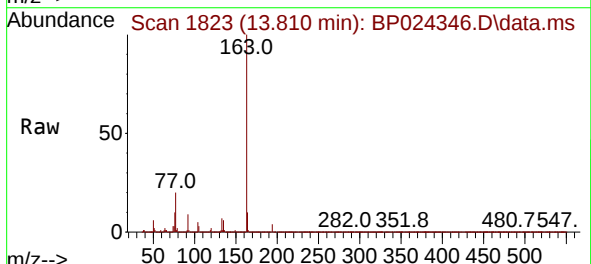
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

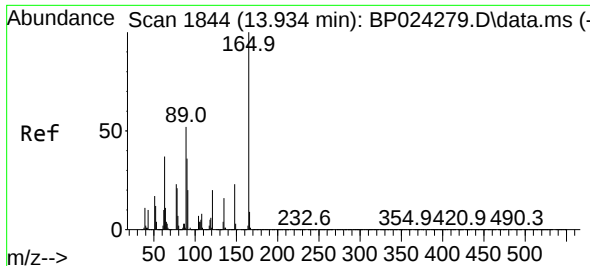
Tgt Ion:152 Resp: 2085085
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 41.938 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:163 Resp: 1545302
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.1 8.0 12.0

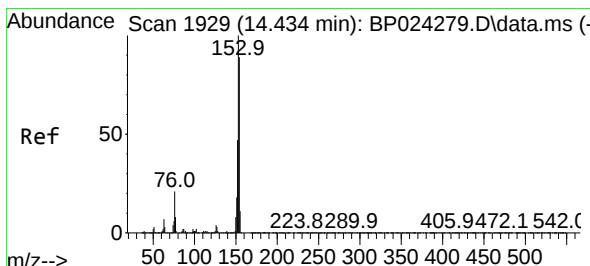
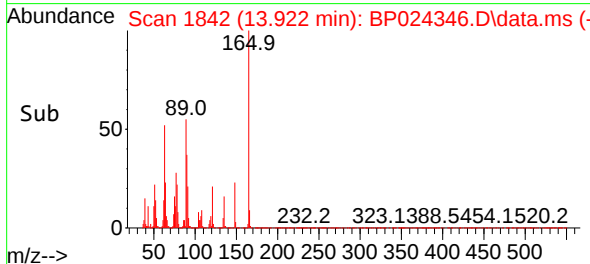
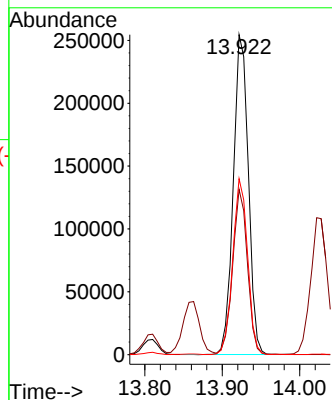
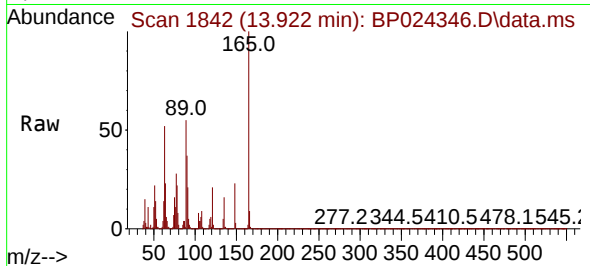




#51
2,6-Dinitrotoluene
Concen: 43.939 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

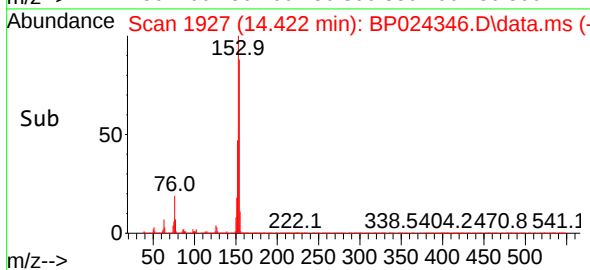
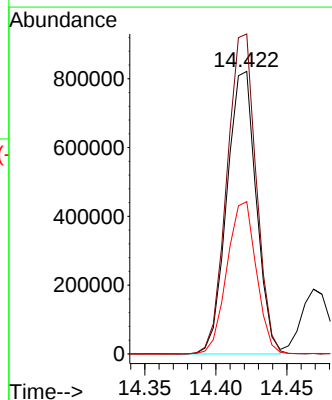
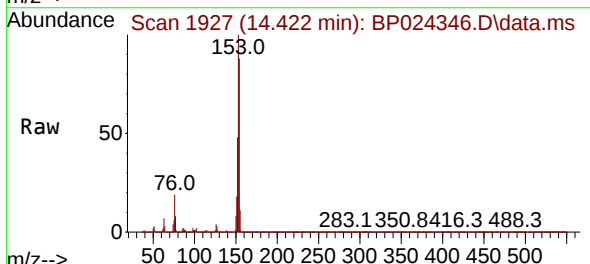
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

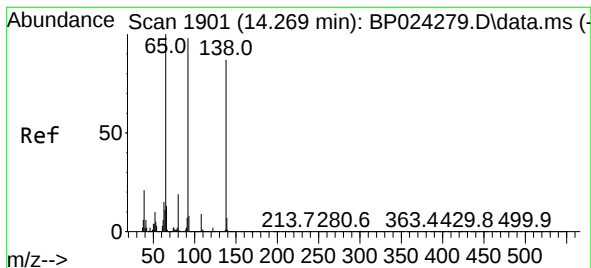
Tgt Ion:165 Resp: 343800
Ion Ratio Lower Upper
165 100
63 51.6 38.0 57.0
89 55.0 41.7 62.5



#52
Acenaphthene
Concen: 42.559 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:154 Resp: 1182470
Ion Ratio Lower Upper
154 100
153 113.3 89.8 134.6
152 53.9 42.6 63.8

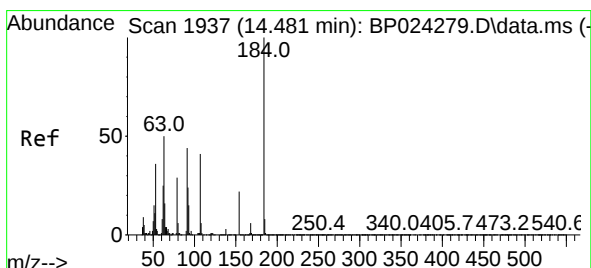
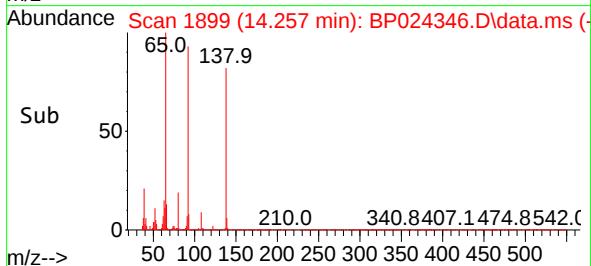
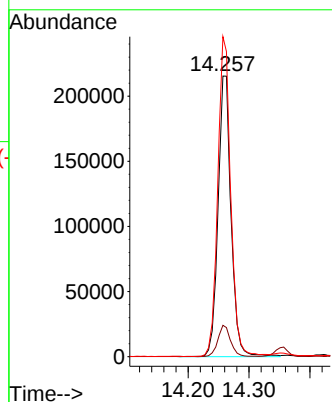
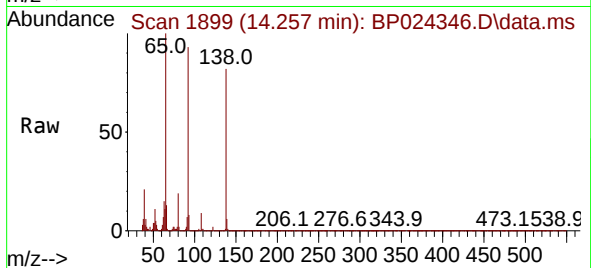




#53
3-Nitroaniline
Concen: 38.702 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

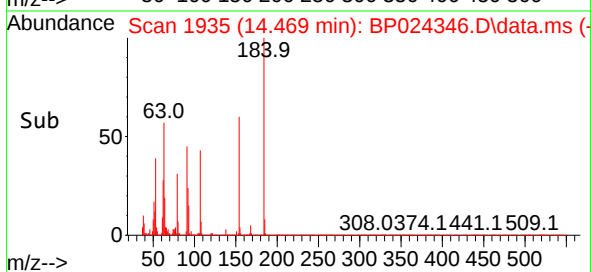
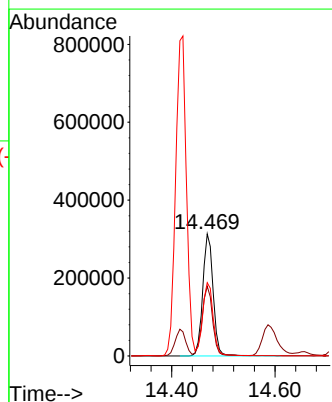
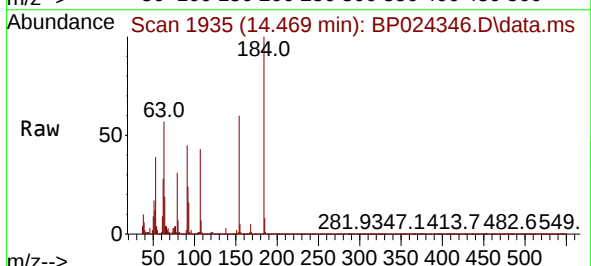
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

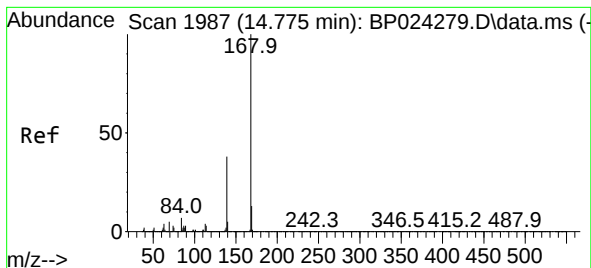
Tgt Ion:138 Resp: 318270
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 114.1 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 95.118 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:184 Resp: 438397
Ion Ratio Lower Upper
184 100
63 57.0 42.6 64.0
154 60.1 47.2 70.8





#55

Dibenzofuran

Concen: 41.098 ng

RT: 14.757 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

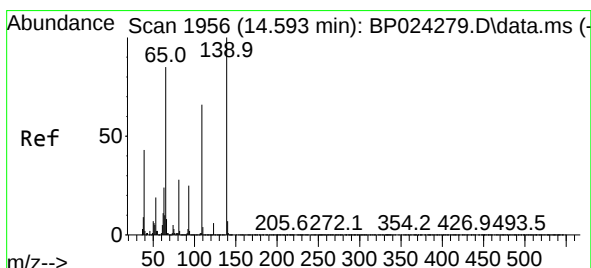
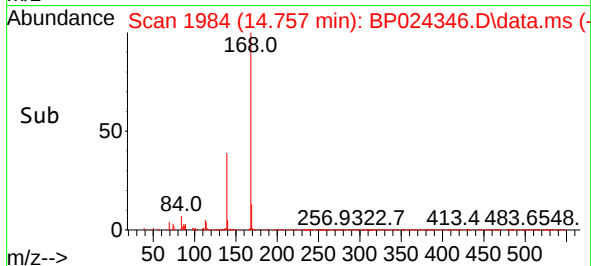
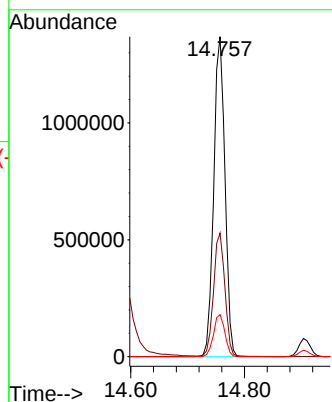
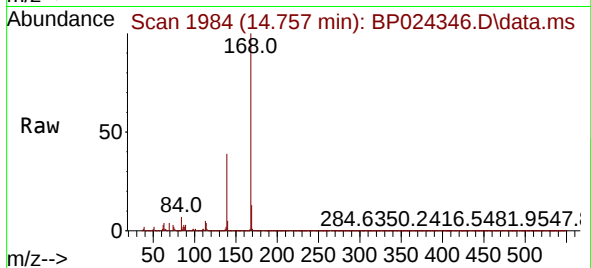
Tgt Ion:168 Resp: 1866480

Ion Ratio Lower Upper

168 100

139 38.6 30.3 45.5

169 13.2 10.6 16.0



#56

4-Nitrophenol

Concen: 94.011 ng

RT: 14.586 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

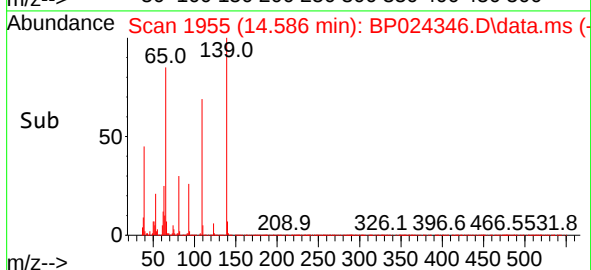
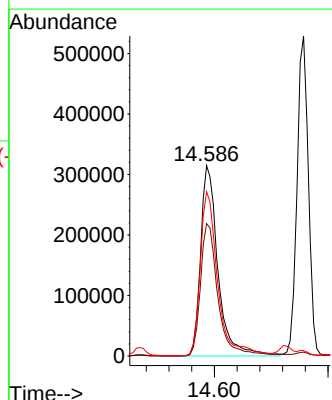
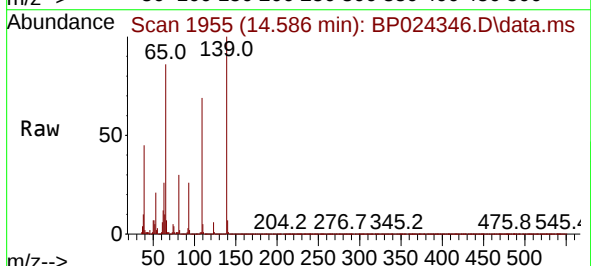
Tgt Ion:139 Resp: 667706

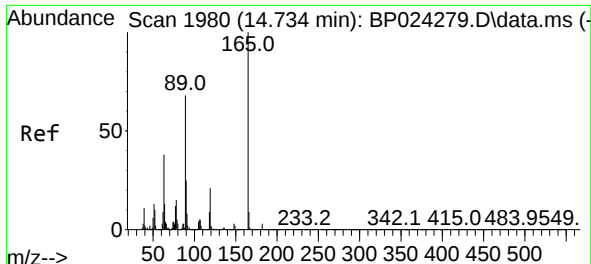
Ion Ratio Lower Upper

139 100

109 69.5 46.1 86.1

65 86.3 65.0 105.0

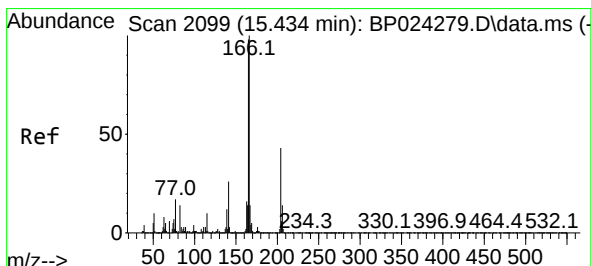
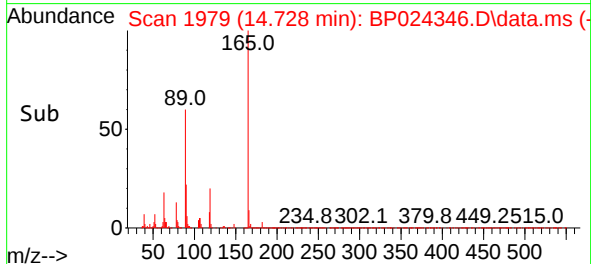
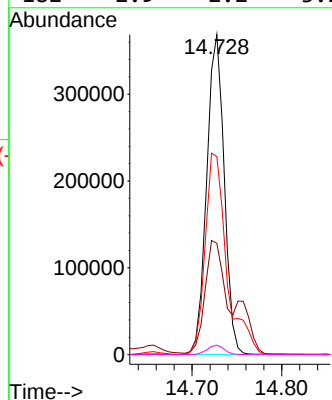
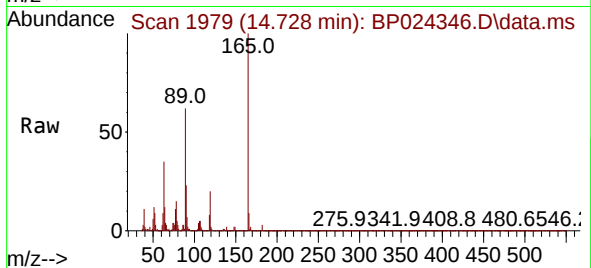




#57
2,4-Dinitrotoluene
Concen: 46.762 ng
RT: 14.728 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

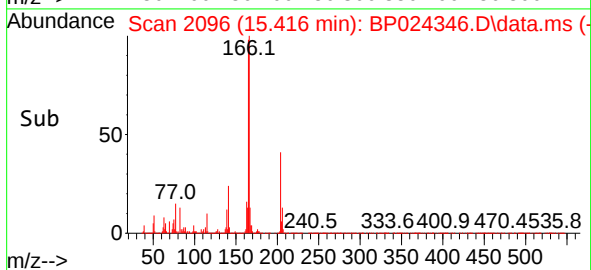
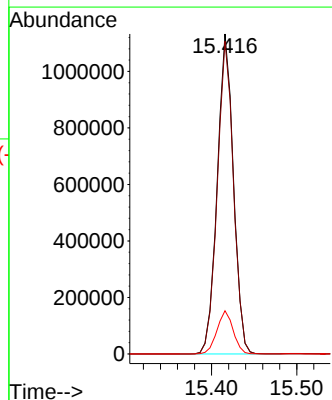
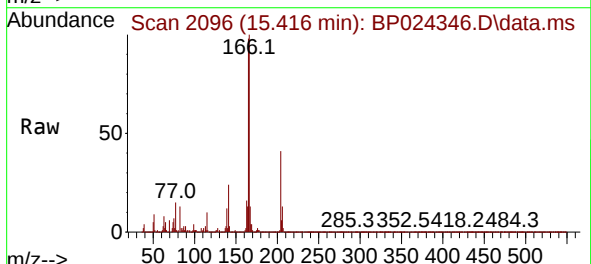
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

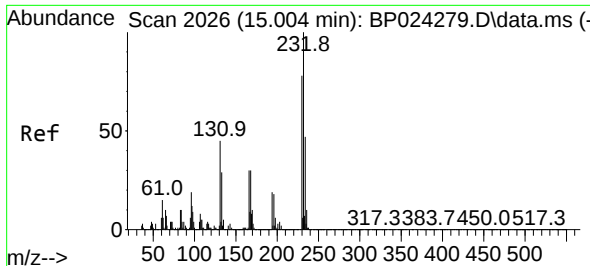
Tgt Ion:165 Resp: 499115
Ion Ratio Lower Upper
165 100
63 34.8 30.4 45.6
89 61.9 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 42.562 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:166 Resp: 1496364
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.5 10.9 16.3

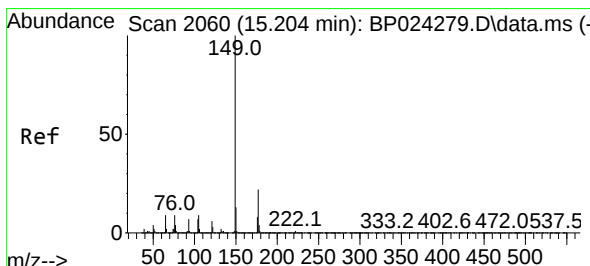
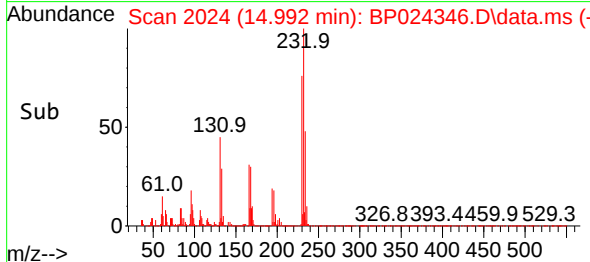
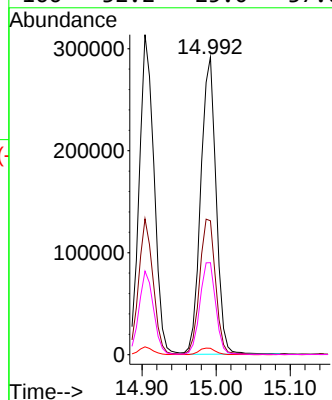
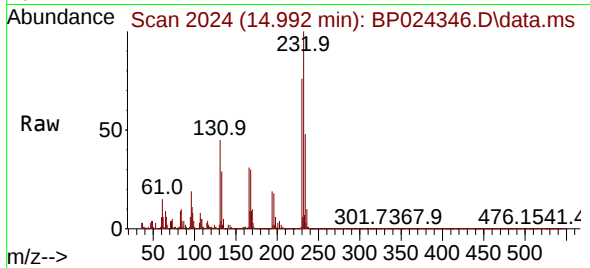




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.280 ng
RT: 14.992 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

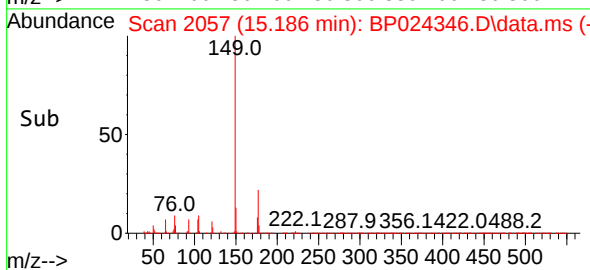
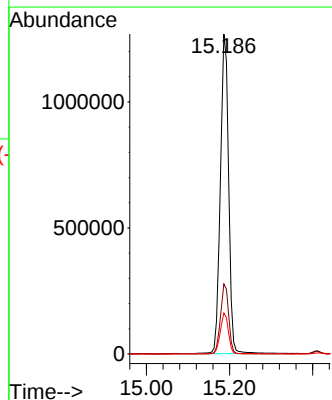
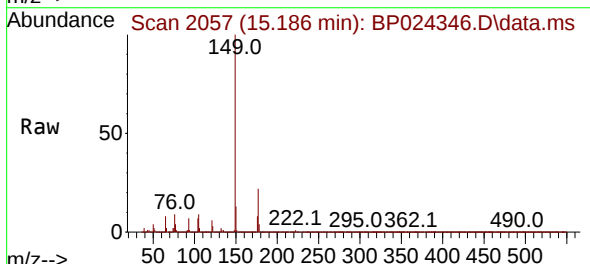
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

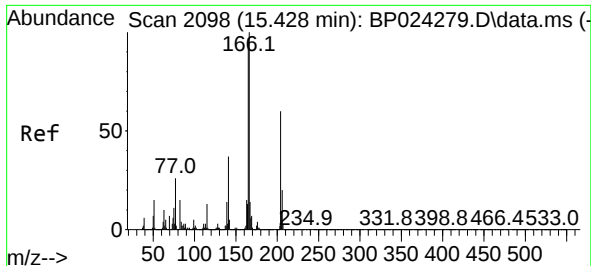
Tgt Ion:232 Resp: 418971
Ion Ratio Lower Upper
232 100
131 47.2 36.8 55.2
130 2.5 1.9 2.9
166 32.2 25.0 37.6



#60
Diethylphthalate
Concen: 45.793 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:149 Resp: 1738870
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.8 10.1 15.1

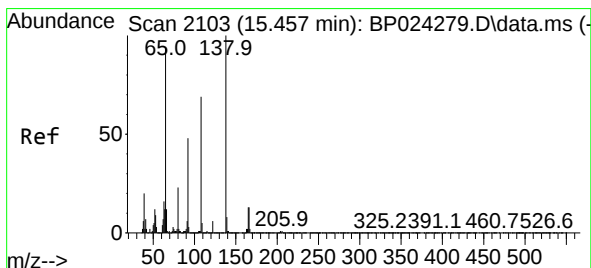
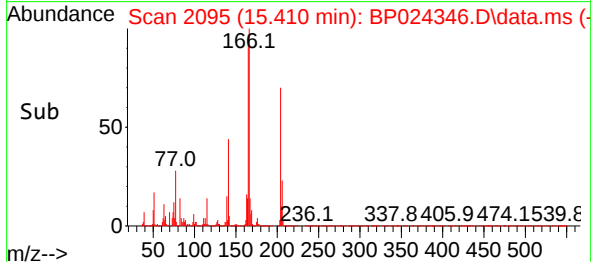
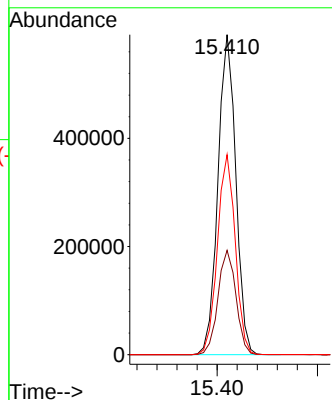
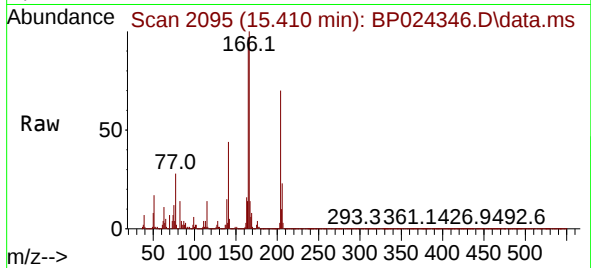




#61
4-Chlorophenyl-phenylether
Concen: 42.730 ng
RT: 15.410 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

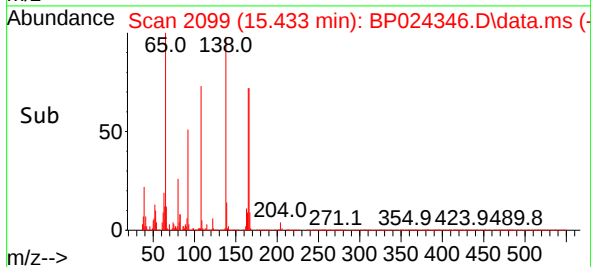
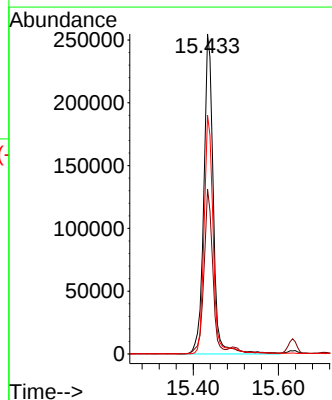
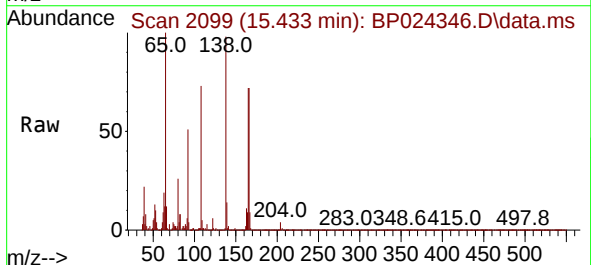
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

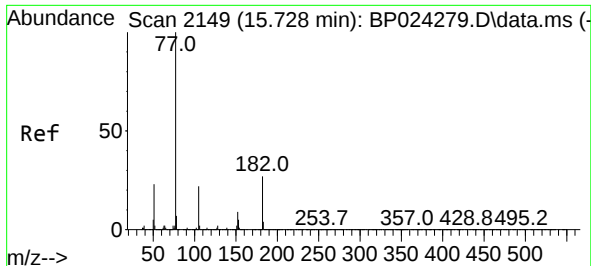
Tgt Ion:204 Resp: 729502
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 62.5 49.4 74.0



#62
4-Nitroaniline
Concen: 45.197 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:138 Resp: 393470
Ion Ratio Lower Upper
138 100
92 51.5 27.8 67.8
108 74.6 48.9 88.9



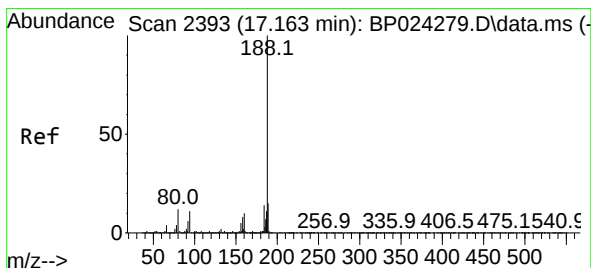
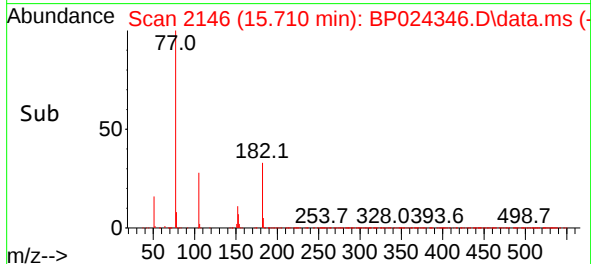
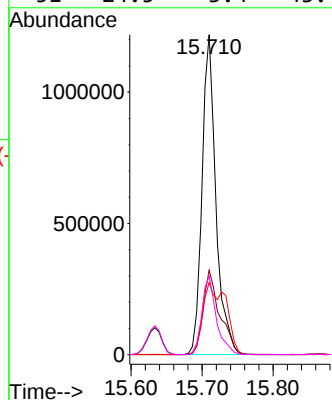
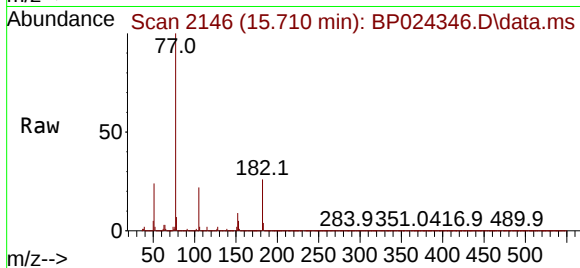


#63
Azobenzene
Concen: 47.455 ng
RT: 15.710 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

Tgt Ion: 77 Resp: 1656223

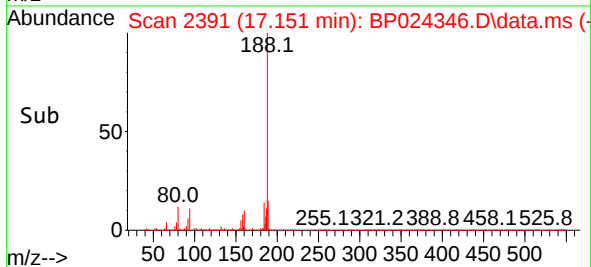
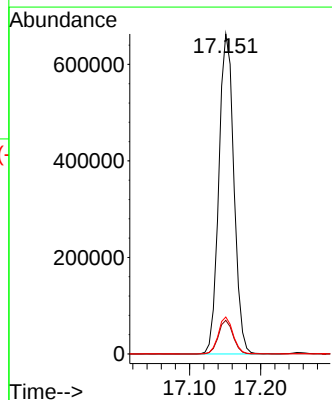
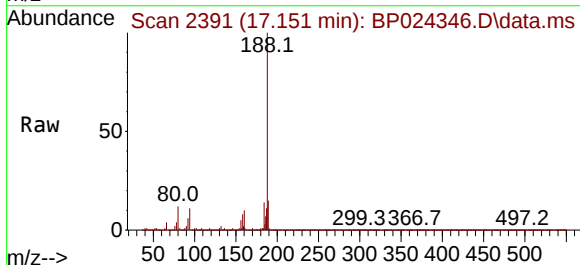
Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.3	47.3
105	22.5	2.3	42.3
51	24.5	3.4	43.4

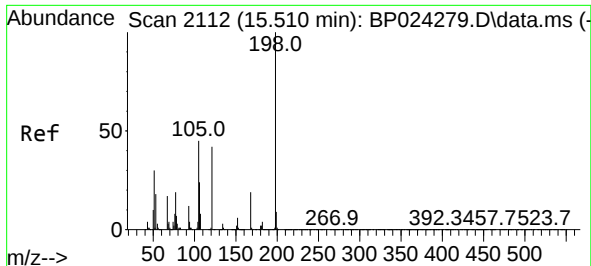


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion: 188 Resp: 971216

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.6	9.8	14.6

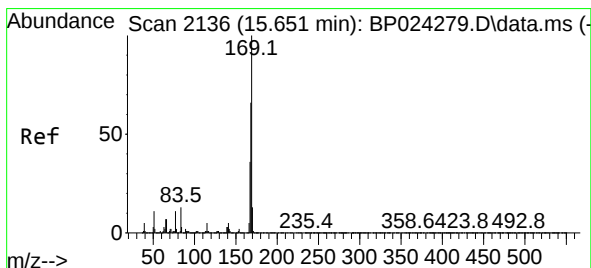
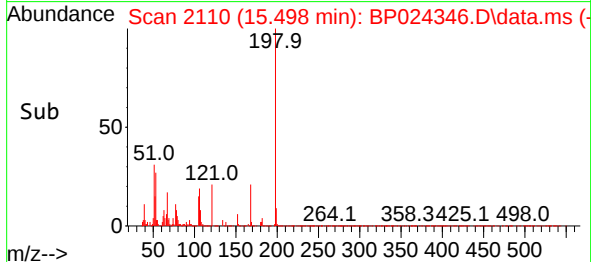
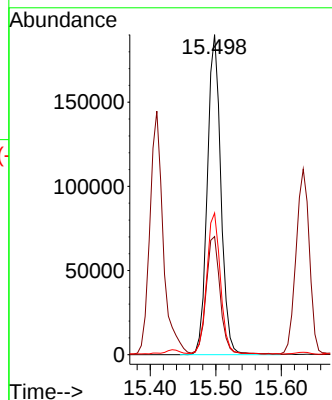
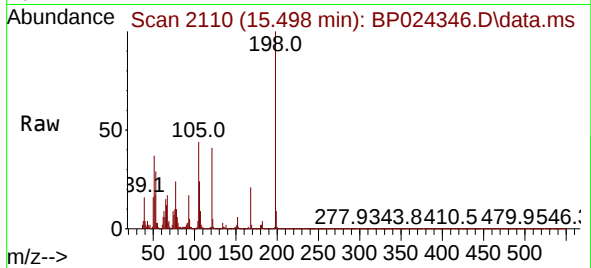




#65
4,6-Dinitro-2-methylphenol
Concen: 44.684 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

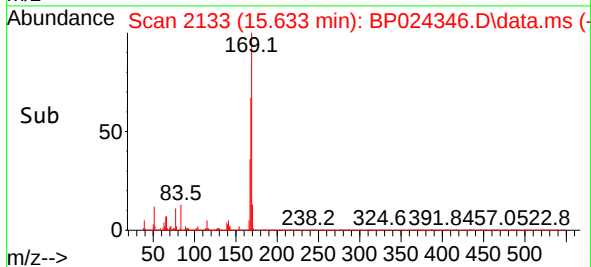
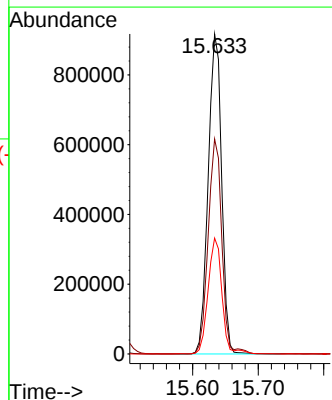
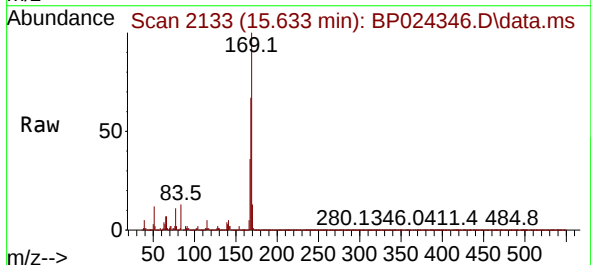
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

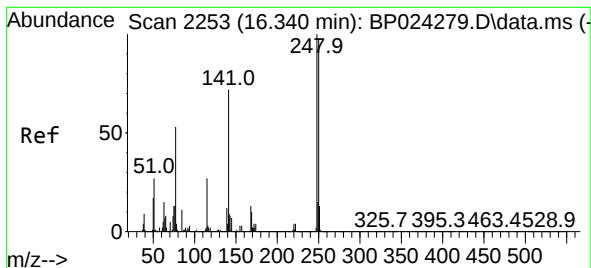
Tgt Ion:198 Resp: 273609
Ion Ratio Lower Upper
198 100
51 36.9 18.4 58.4
105 44.3 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 45.089 ng
RT: 15.633 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:169 Resp: 1307059
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.4
167 36.2 28.9 43.3

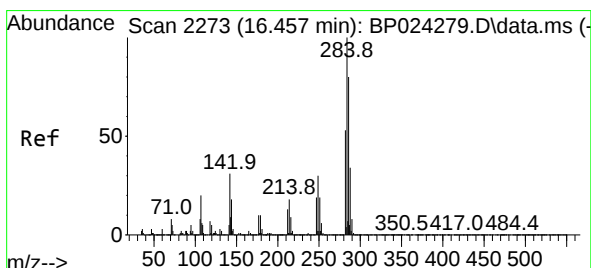
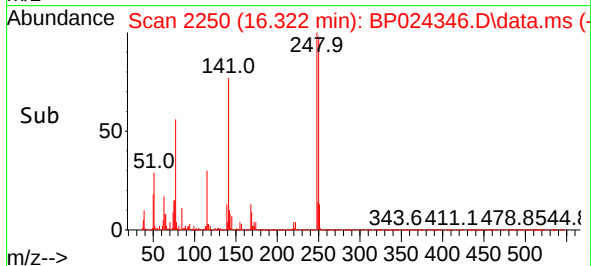
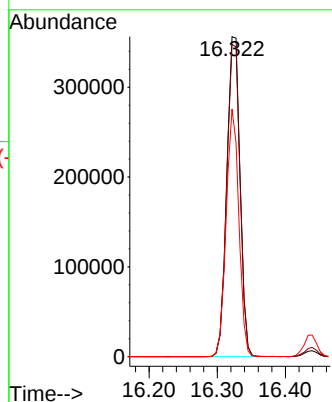
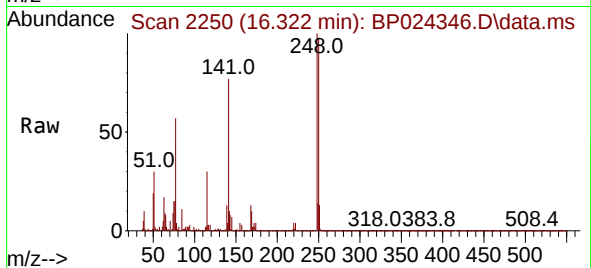




#67
4-Bromophenyl-phenylether
Concen: 45.423 ng
RT: 16.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

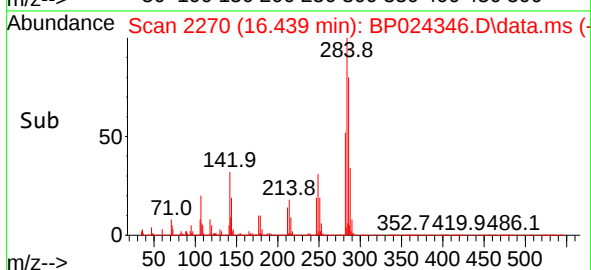
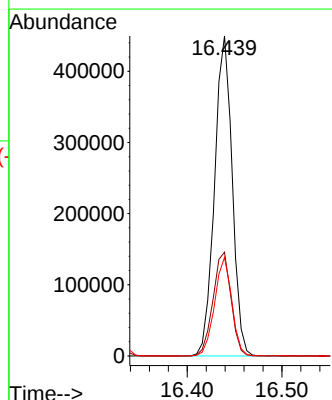
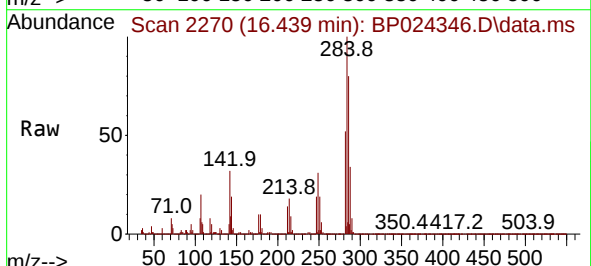
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

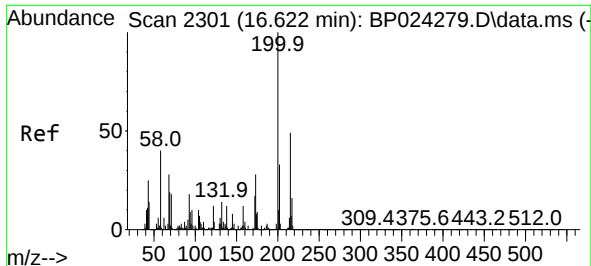
Tgt Ion:248 Resp: 482480
Ion Ratio Lower Upper
248 100
250 97.6 78.2 117.4
141 77.4 57.7 86.5



#68
Hexachlorobenzene
Concen: 46.065 ng
RT: 16.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:284 Resp: 581428
Ion Ratio Lower Upper
284 100
142 32.5 24.6 37.0
249 30.8 23.8 35.6

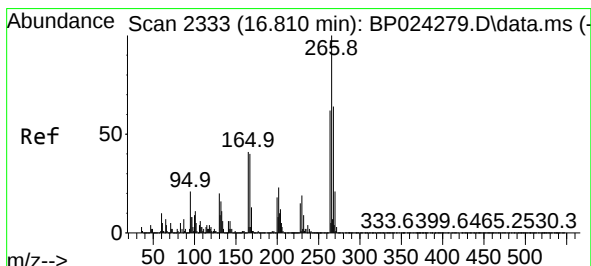
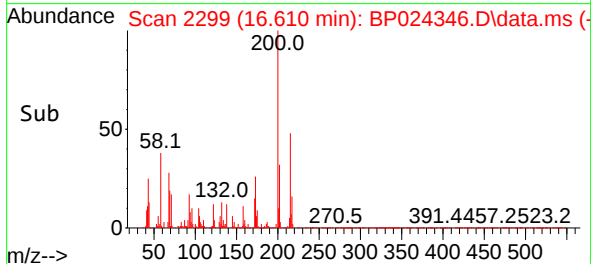
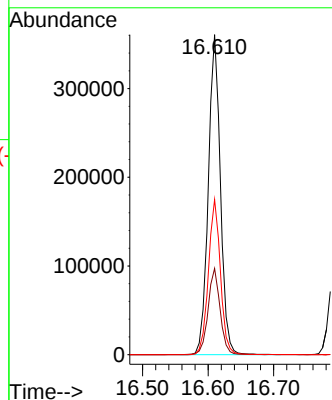
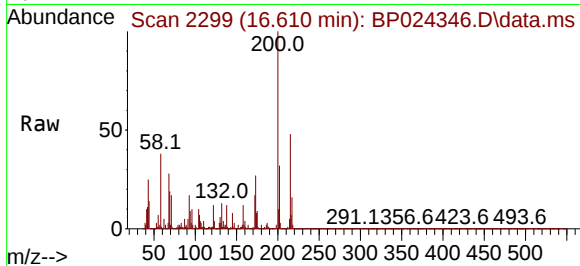




#69
Atrazine
Concen: 62.728 ng
RT: 16.610 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

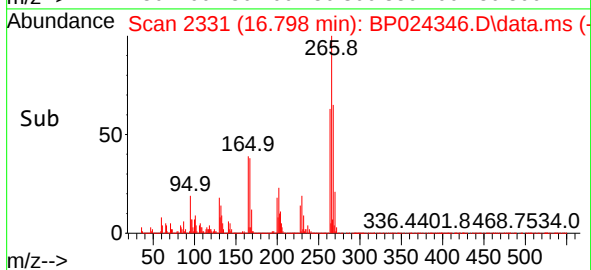
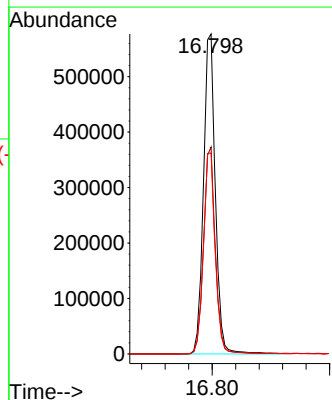
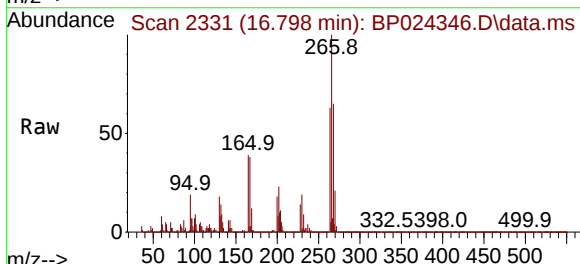
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

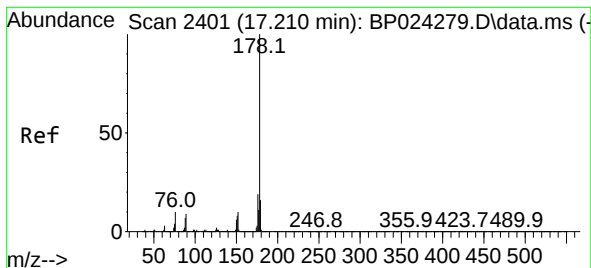
Tgt Ion:200 Resp: 463130
Ion Ratio Lower Upper
200 100
173 27.0 7.5 47.5
215 48.5 28.8 68.8



#70
Pentachlorophenol
Concen: 91.902 ng
RT: 16.798 min Scan# 2331
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:266 Resp: 809234
Ion Ratio Lower Upper
266 100
268 64.7 51.0 76.6
264 62.8 49.8 74.6





#71

Phenanthrene

Concen: 44.516 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

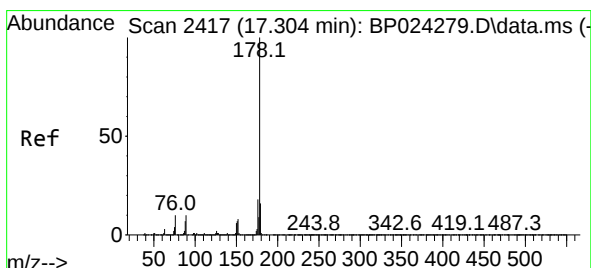
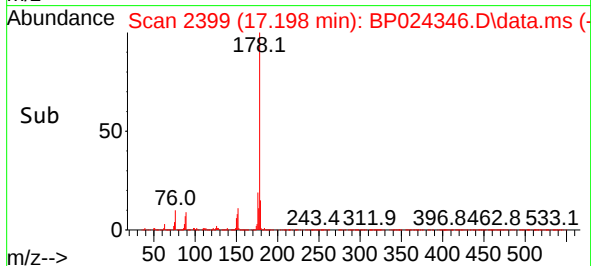
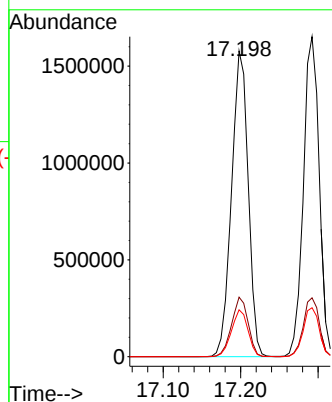
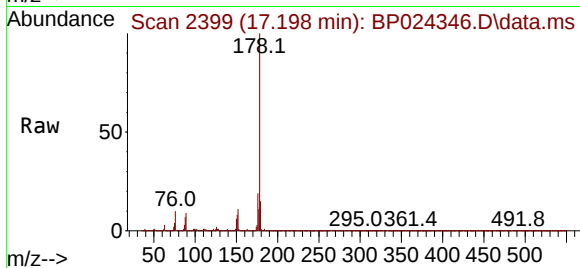
Tgt Ion:178 Resp: 2358580

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 46.109 ng

RT: 17.292 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

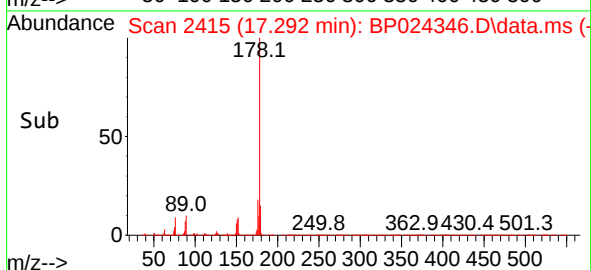
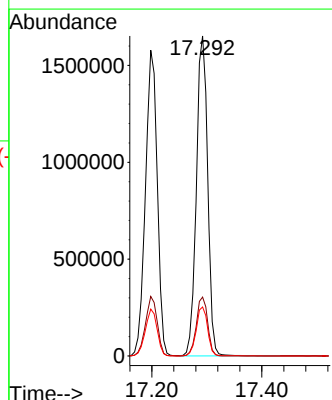
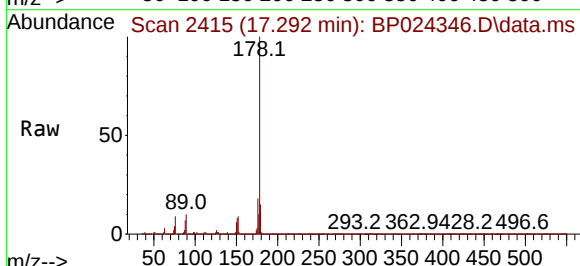
Tgt Ion:178 Resp: 2354501

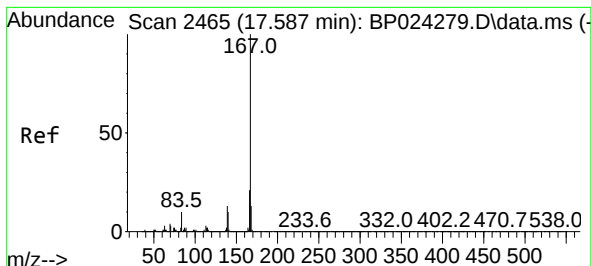
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.3 12.4 18.6





#73

Carbazole

Concen: 45.160 ng

RT: 17.575 min Scan# 24

Delta R.T. 0.006 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

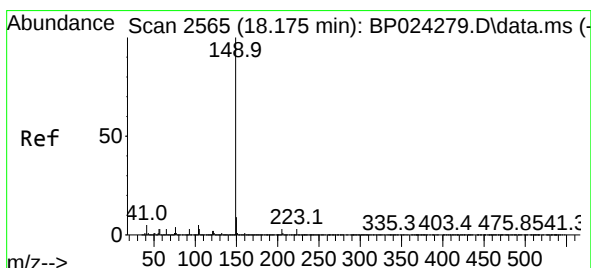
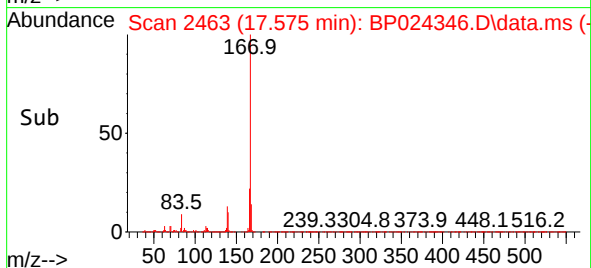
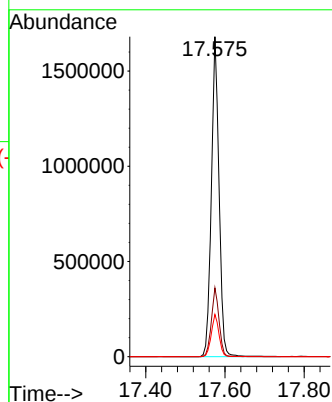
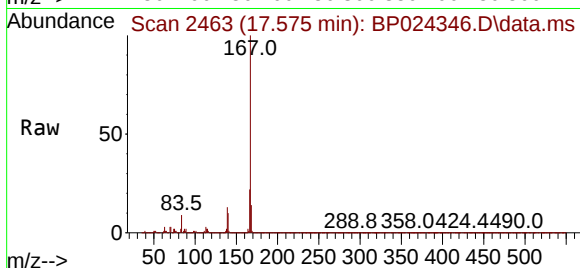
Tgt Ion:167 Resp: 2253199

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 45.749 ng

RT: 18.157 min Scan# 2562

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

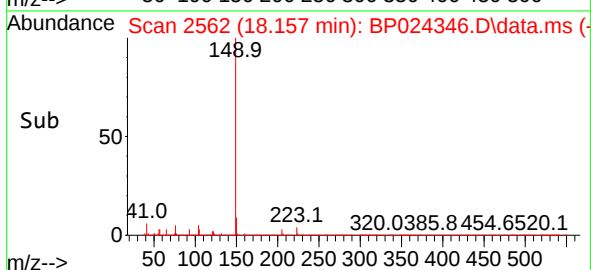
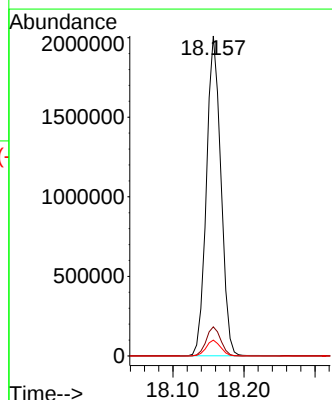
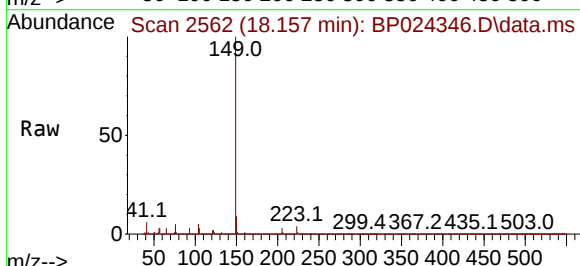
Tgt Ion:149 Resp: 2843816

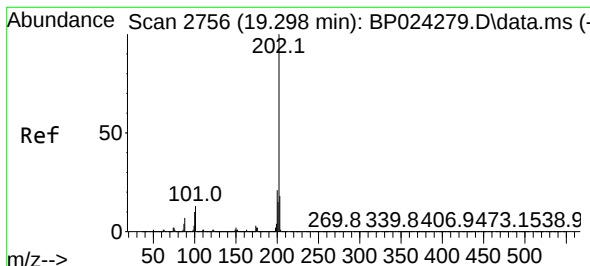
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 43.852 ng

RT: 19.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

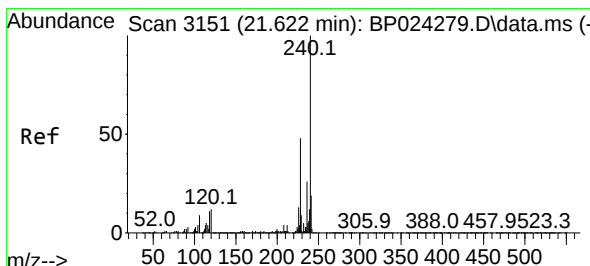
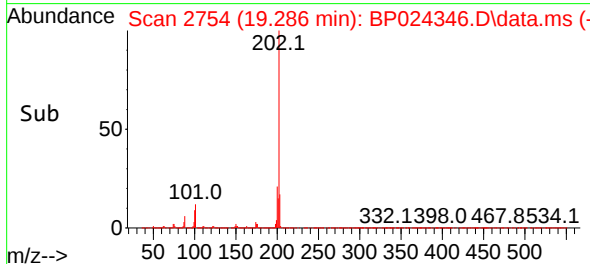
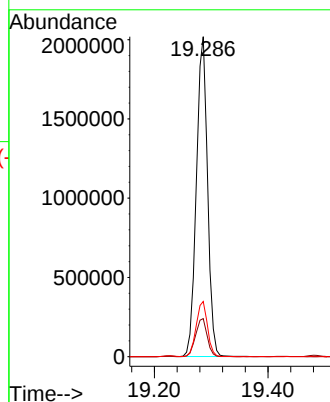
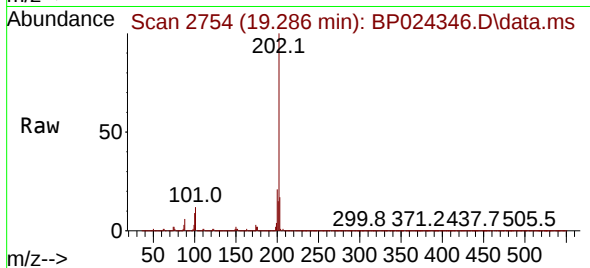
Tgt Ion:202 Resp: 2763281

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.2

203 17.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

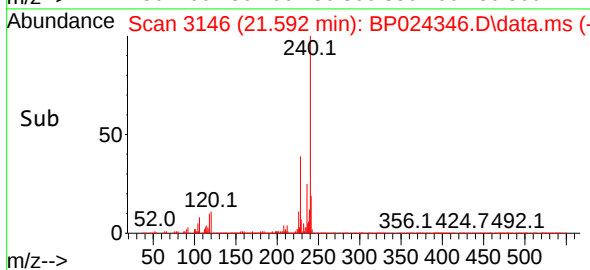
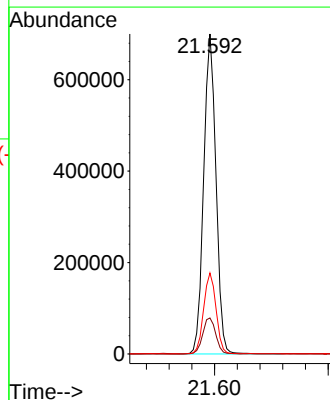
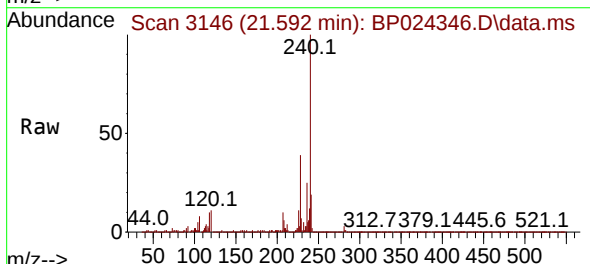
Tgt Ion:240 Resp: 1048176

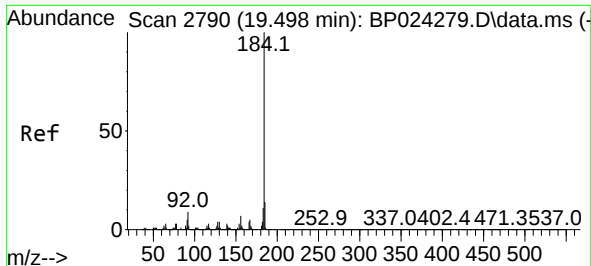
Ion Ratio Lower Upper

240 100

120 11.3 9.8 14.8

236 25.3 20.9 31.3

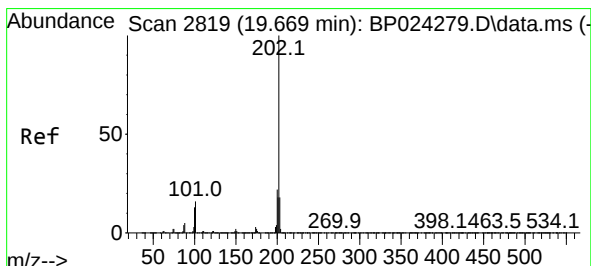
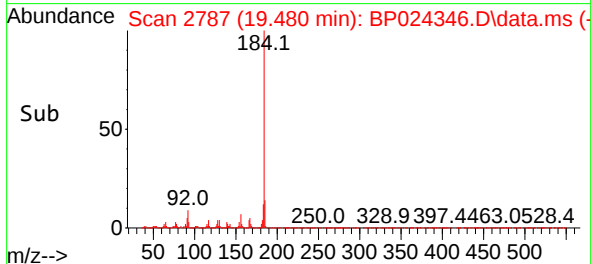
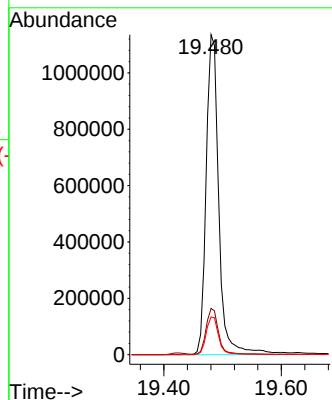
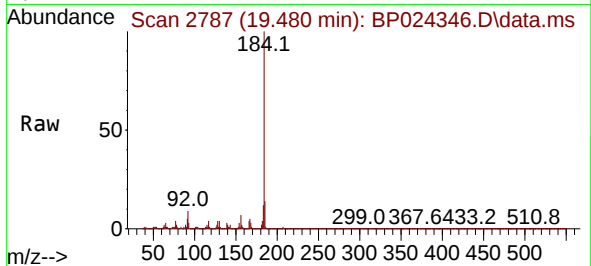




#77
Benzidine
Concen: 127.481 ng
RT: 19.480 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

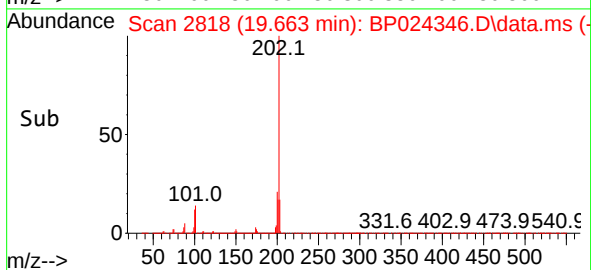
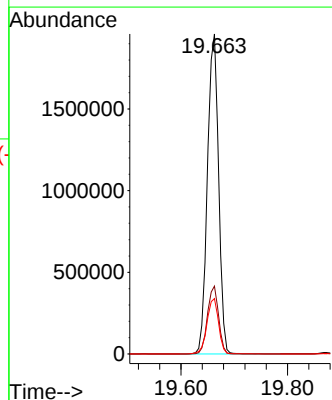
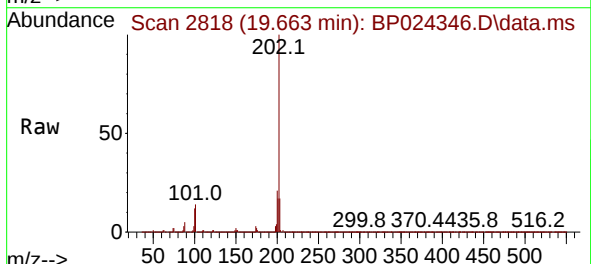
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

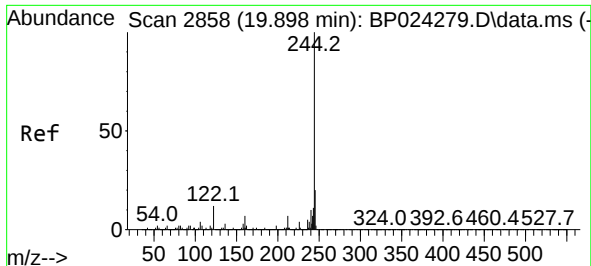
Tgt Ion:184 Resp: 1693774
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.8 9.2 13.8



#78
Pyrene
Concen: 42.664 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:202 Resp: 2841960
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.3 14.4 21.6

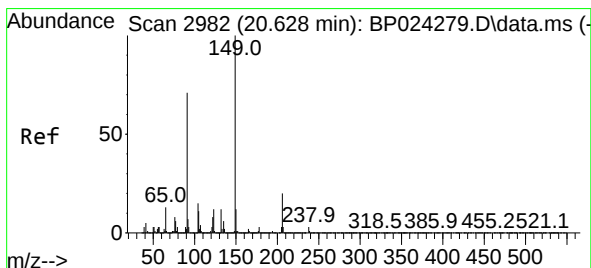
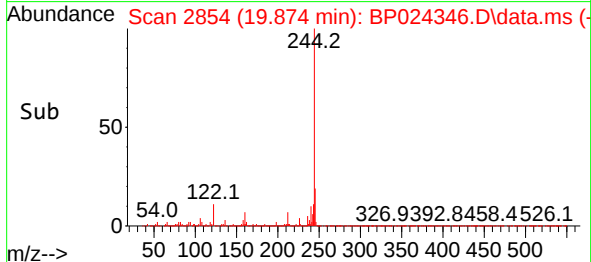
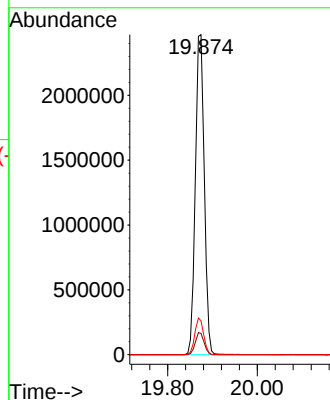
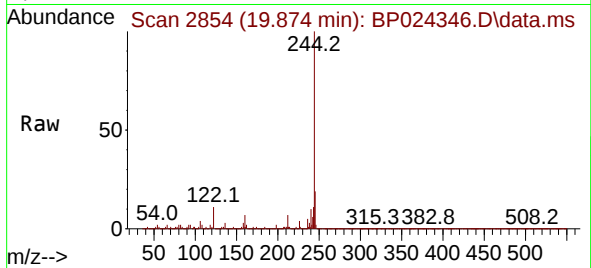




#79
 Terphenyl-d14
 Concen: 65.712 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024346.D
 Acq: 18 Apr 2025 17:26

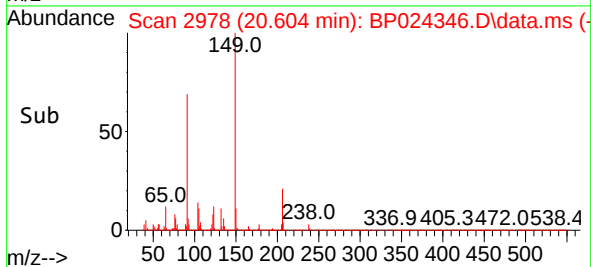
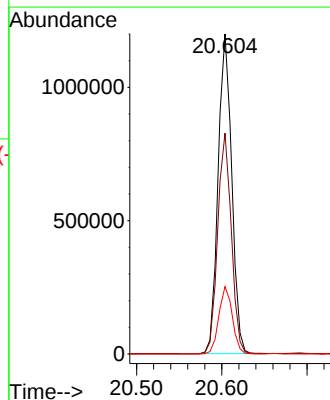
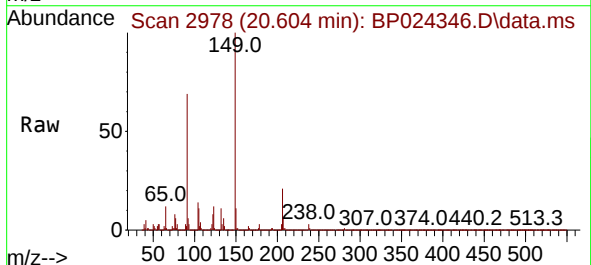
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-04MS

Tgt Ion:244 Resp: 3417155
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.6 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 46.851 ng
 RT: 20.604 min Scan# 2978
 Delta R.T. -0.000 min
 Lab File: BP024346.D
 Acq: 18 Apr 2025 17:26

Tgt Ion:149 Resp: 1336758
 Ion Ratio Lower Upper
 149 100
 91 69.0 56.4 84.6
 206 21.0 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.642 ng

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

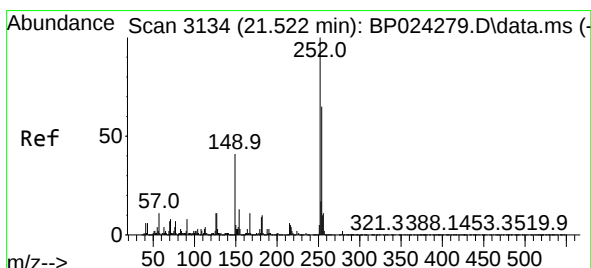
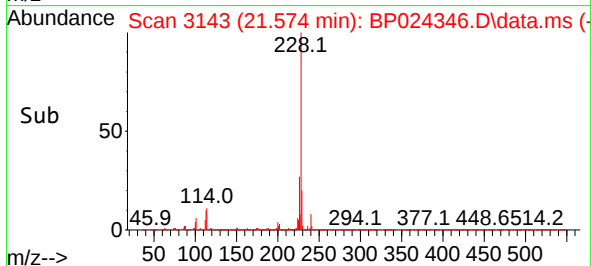
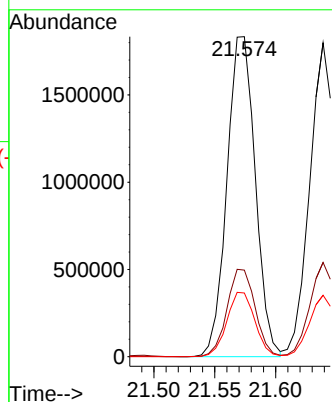
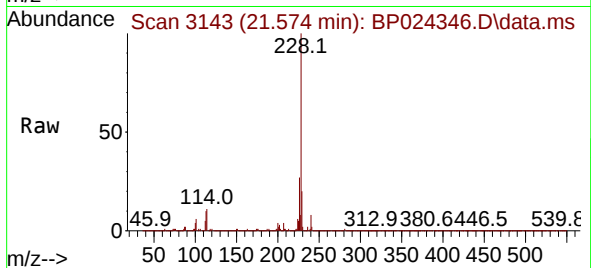
Tgt Ion:228 Resp: 2973625

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 31.522 ng

RT: 21.486 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

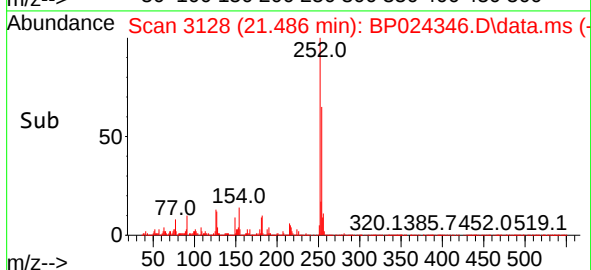
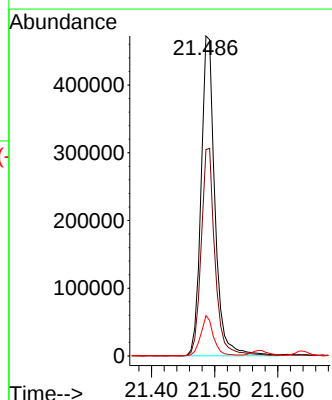
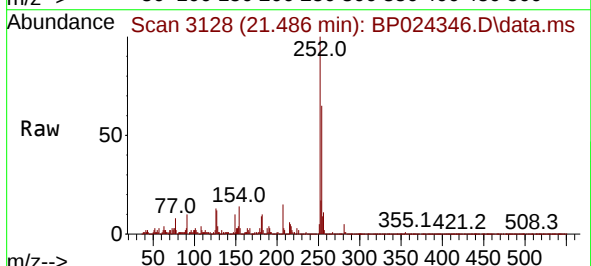
Tgt Ion:252 Resp: 720814

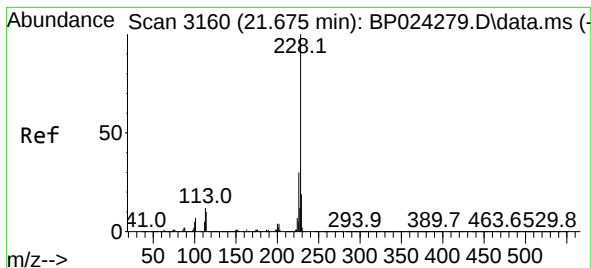
Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

126 12.6 8.8 13.2





#83

Chrysene

Concen: 44.706 ng

RT: 21.639 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

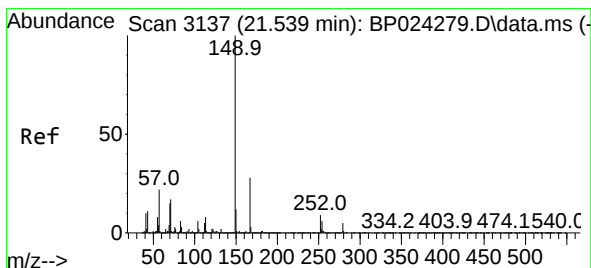
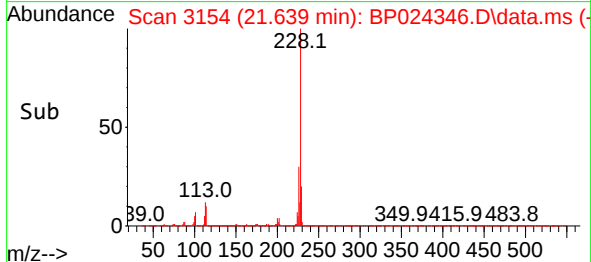
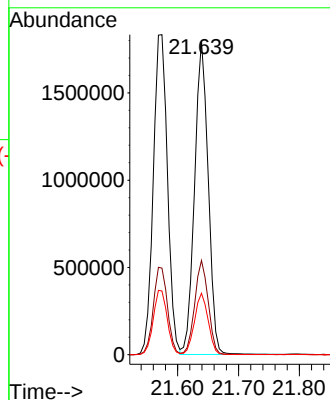
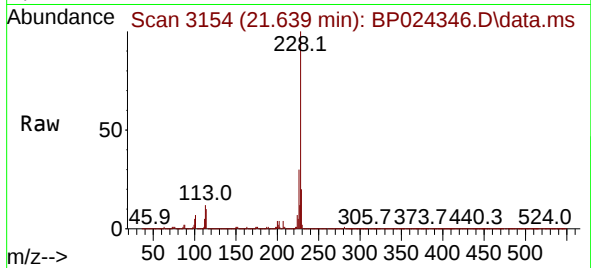
Tgt Ion:228 Resp: 2790393

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.629 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

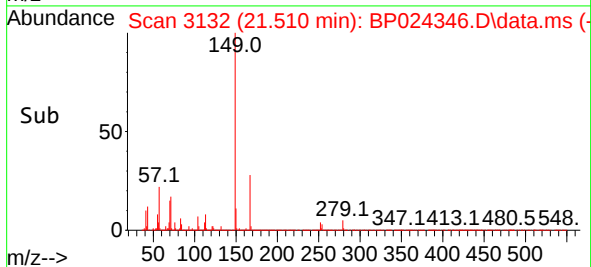
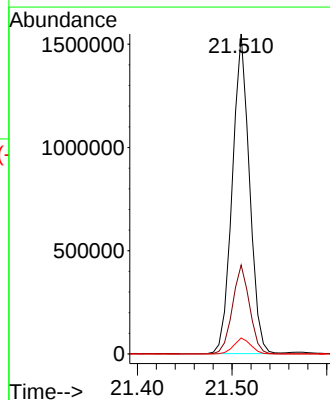
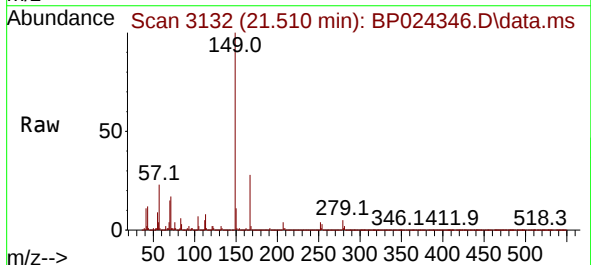
Tgt Ion:149 Resp: 1950322

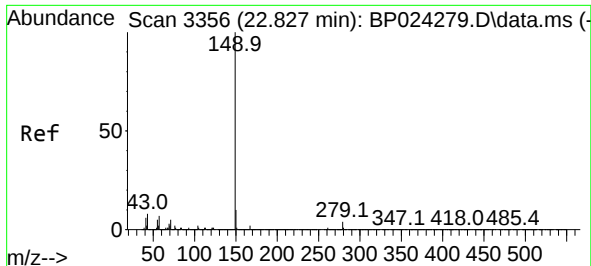
Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

279 5.0 4.0 6.0

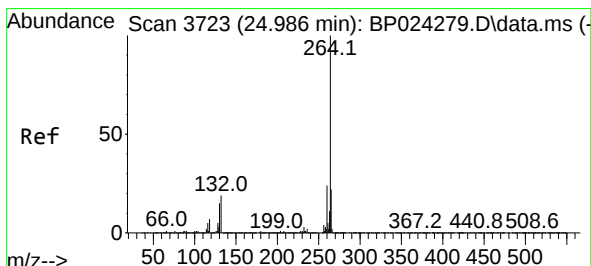
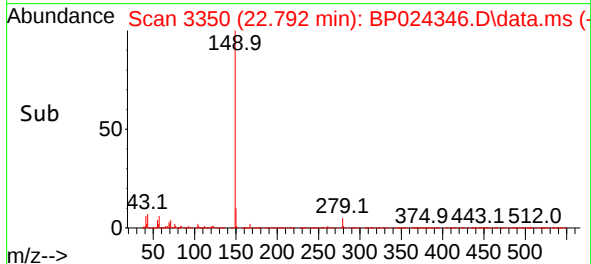
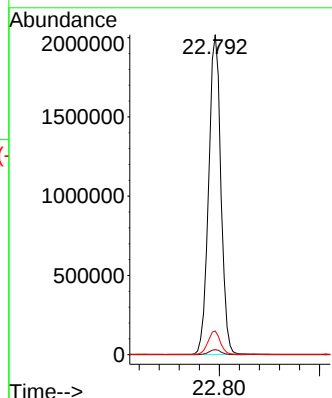
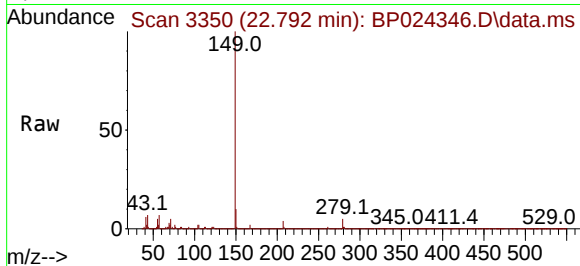




#85
Di-n-octyl phthalate
Concen: 50.153 ng
RT: 22.792 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

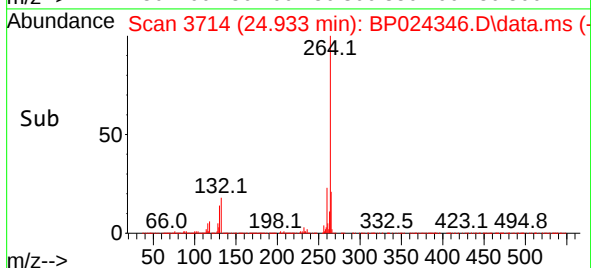
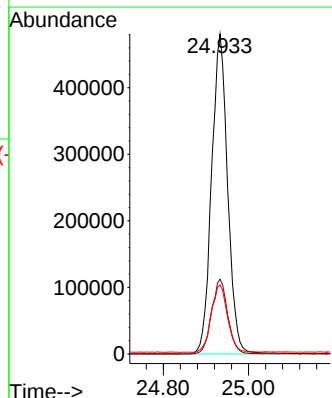
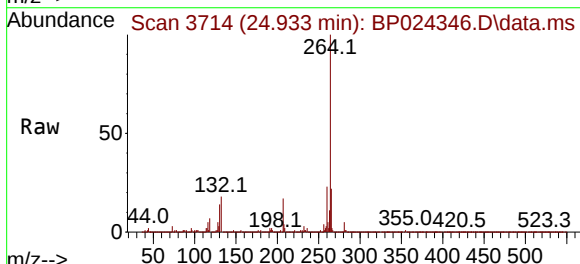
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

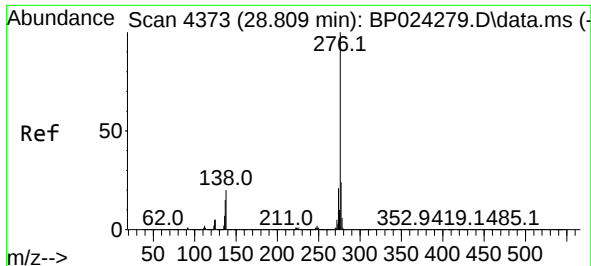
Tgt Ion:149 Resp: 3410270
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.3 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.933 min Scan# 3714
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:264 Resp: 1255947
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.6 17.8 26.6

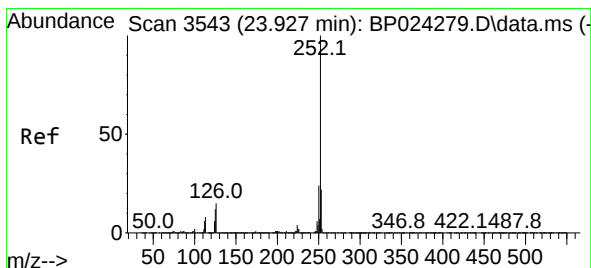
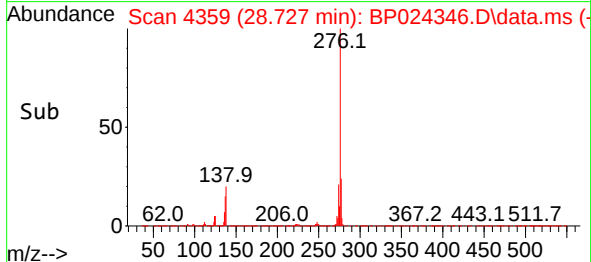
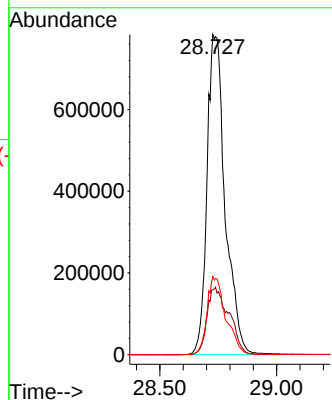
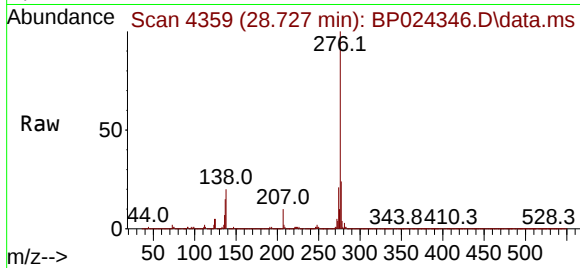




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.511 ng
RT: 28.727 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

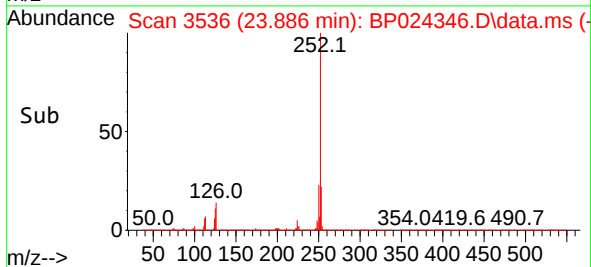
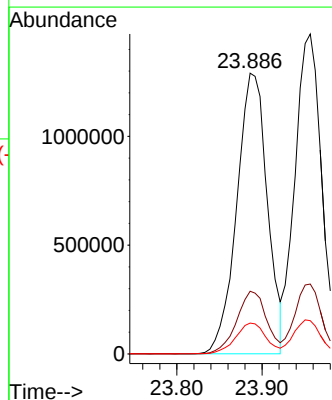
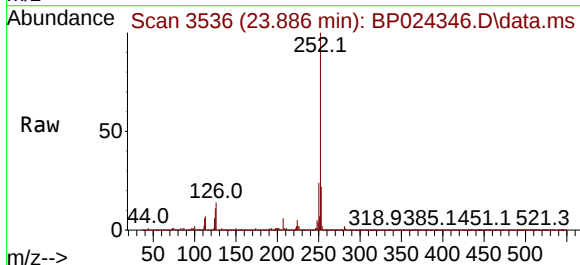
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MS

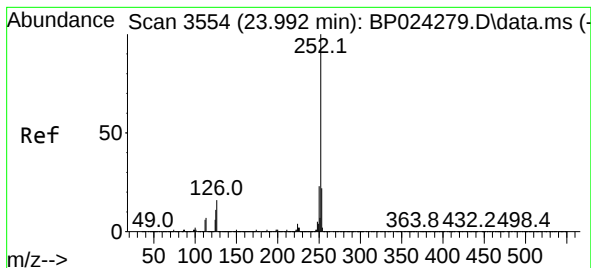
Tgt Ion:276 Resp: 4229857
Ion Ratio Lower Upper
276 100
138 25.4 14.5 21.7#
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 42.623 ng
RT: 23.886 min Scan# 3536
Delta R.T. -0.000 min
Lab File: BP024346.D
Acq: 18 Apr 2025 17:26

Tgt Ion:252 Resp: 3208763
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.0 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 43.955 ng

RT: 23.957 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

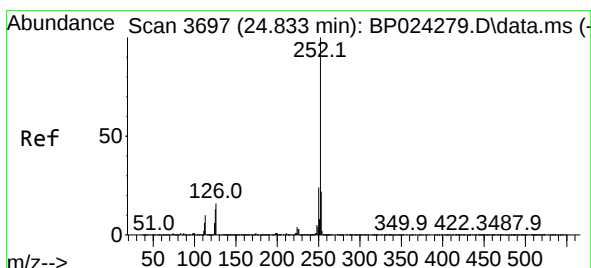
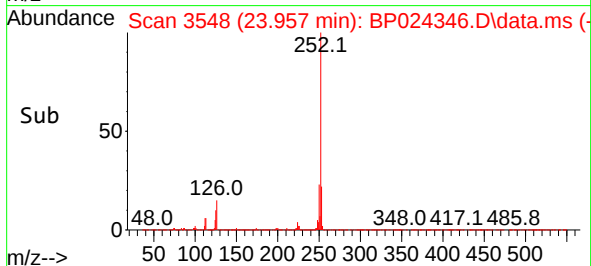
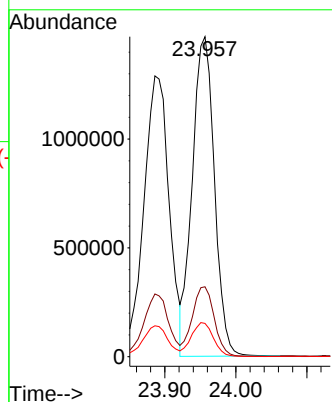
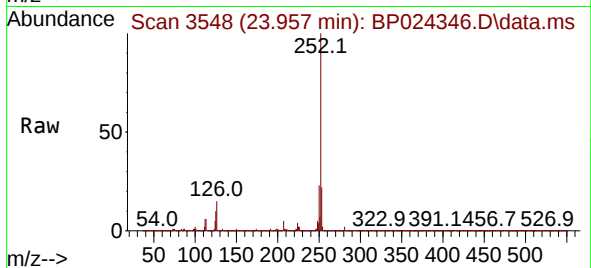
Tgt Ion:252 Resp: 3196319

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.4 9.1 13.7



#90

Benzo(a)pyrene

Concen: 48.706 ng

RT: 24.786 min Scan# 3689

Delta R.T. 0.006 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

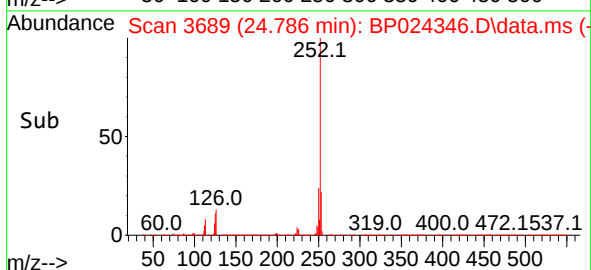
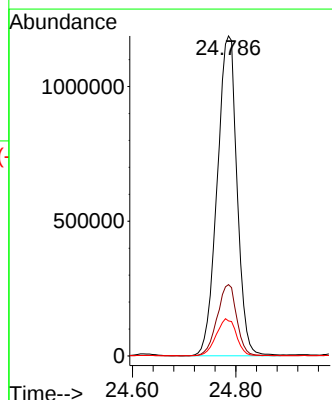
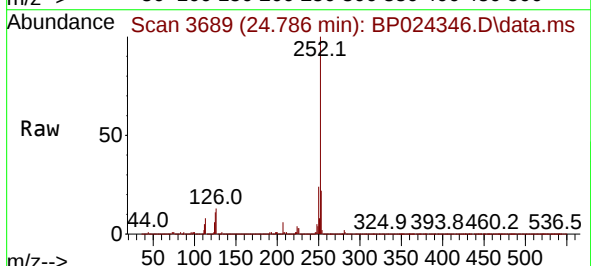
Tgt Ion:252 Resp: 3162889

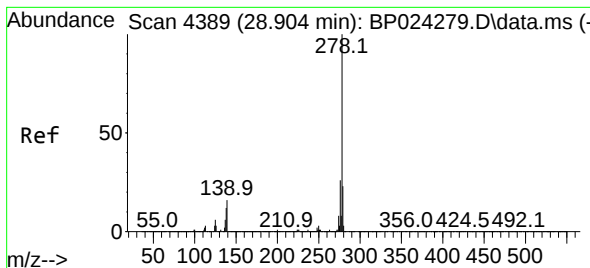
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.0 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 47.790 ng

RT: 28.803 min Scan# 41

Delta R.T. -0.000 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MS

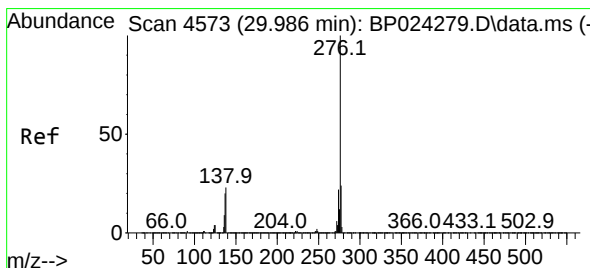
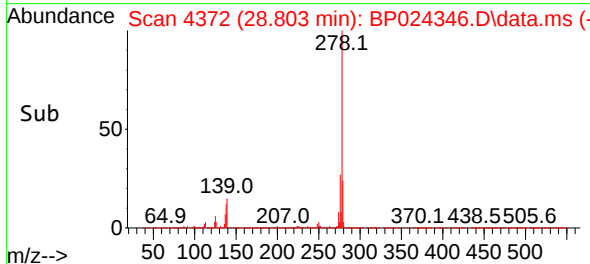
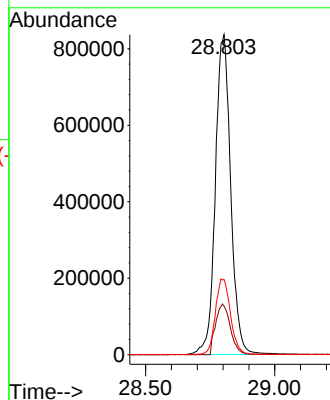
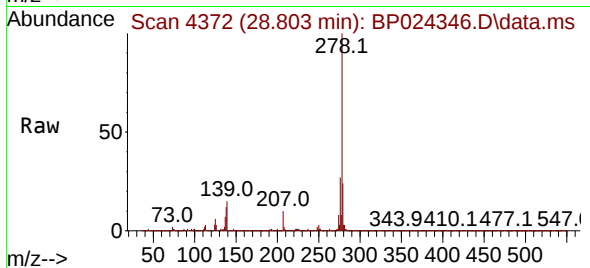
Tgt Ion:278 Resp: 3458731

Ion Ratio Lower Upper

278 100

139 15.2 12.6 19.0

279 23.5 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.436 ng

RT: 29.909 min Scan# 4560

Delta R.T. 0.012 min

Lab File: BP024346.D

Acq: 18 Apr 2025 17:26

Tgt Ion:276 Resp: 3420702

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 21.4 18.7 28.1

