Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
Data File : BP024259.D
Acq On : 11 Apr 2025 09:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 11 19:19:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 10 11:43:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	312531	20.000	ng		0.01
21) Naphthalene-d8	10.534	136	1264665	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	754959	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1422444	20.000	ng		0.01
76) Chrysene-d12	21.639	240	1476882	20.000	ng		0.00
86) Perylene-d12	25.009	264	1685517	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1608244	82.143	ng		0.01
7) Phenol-d6	6.940	99	2150742	82.146	ng		0.01
23) Nitrobenzene-d5	8.910	82	1876349	83.710	ng		0.02
42) 2,4,6-Tribromophenol	15.916	330	842033	88.545	ng		0.02
45) 2-Fluorobiphenyl	13.004	172	4069689	79.486	ng		0.00
79) Terphenyl-d14	19.915	244	6031742	84.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	317614	40.925	ng		97
3) Pyridine	3.710	79	860456	40.556	ng		98
4) n-Nitrosodimethylamine	3.616	42	291604	41.145	ng		96
6) Aniline	7.093	93	982604	41.192	ng		99
8) 2-Chlorophenol	7.328	128	865217	40.913	ng		98
9) Benzaldehyde	6.910	77	491265	38.882	ng		98
10) Phenol	6.963	94	1075930	40.708	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	850771	40.818	ng		98
12) 1,3-Dichlorobenzene	7.645	146	921673	40.415	ng		99
13) 1,4-Dichlorobenzene	7.793	146	930619	39.966	ng		99
14) 1,2-Dichlorobenzene	8.110	146	886890	39.691	ng		99
15) Benzyl Alcohol	7.998	79	713395	43.039	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.281	45	897651	42.197	ng		97
17) 2-Methylphenol	8.198	107	687771	41.497	ng		99
18) Hexachloroethane	8.828	117	339362	41.079	ng		98
19) n-Nitroso-di-n-propyla...	8.557	70	641643	42.243	ng		99
20) 3+4-Methylphenols	8.528	107	944524	41.480	ng		99
22) Acetophenone	8.575	105	1298008	40.597	ng	#	99
24) Nitrobenzene	8.945	77	919422	41.580	ng		100
25) Isophorone	9.469	82	1649521	42.931	ng		99
26) 2-Nitrophenol	9.651	139	481417	45.579	ng		99
27) 2,4-Dimethylphenol	9.722	122	567833	41.809	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	1120826	41.465	ng		99
29) 2,4-Dichlorophenol	10.192	162	776384	42.257	ng		99
30) 1,2,4-Trichlorobenzene	10.398	180	825513	40.668	ng		99
31) Naphthalene	10.586	128	2731866	40.751	ng		100
32) Benzoic acid	9.863	122	638897	48.234	ng		99
33) 4-Chloroaniline	10.698	127	981614	40.916	ng		99
34) Hexachlorobutadiene	10.875	225	473791	40.556	ng		99
35) Caprolactam	11.486	113	267179	44.371	ng		98
36) 4-Chloro-3-methylphenol	11.828	107	862616	43.522	ng		98
37) 2-Methylnaphthalene	12.204	142	1858908	41.045	ng		100
38) 1-Methylnaphthalene	12.416	142	1802806	40.926	ng		98
40) 1,2,4,5-Tetrachloroben...	12.575	216	873596	40.030	ng		99
41) Hexachlorocyclopentadiene	12.551	237	337746	42.934	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	599436	43.220	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
Data File : BP024259.D
Acq On : 11 Apr 2025 09:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 11 19:19:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 10 11:43:37 2025
Response via : Initial Calibration

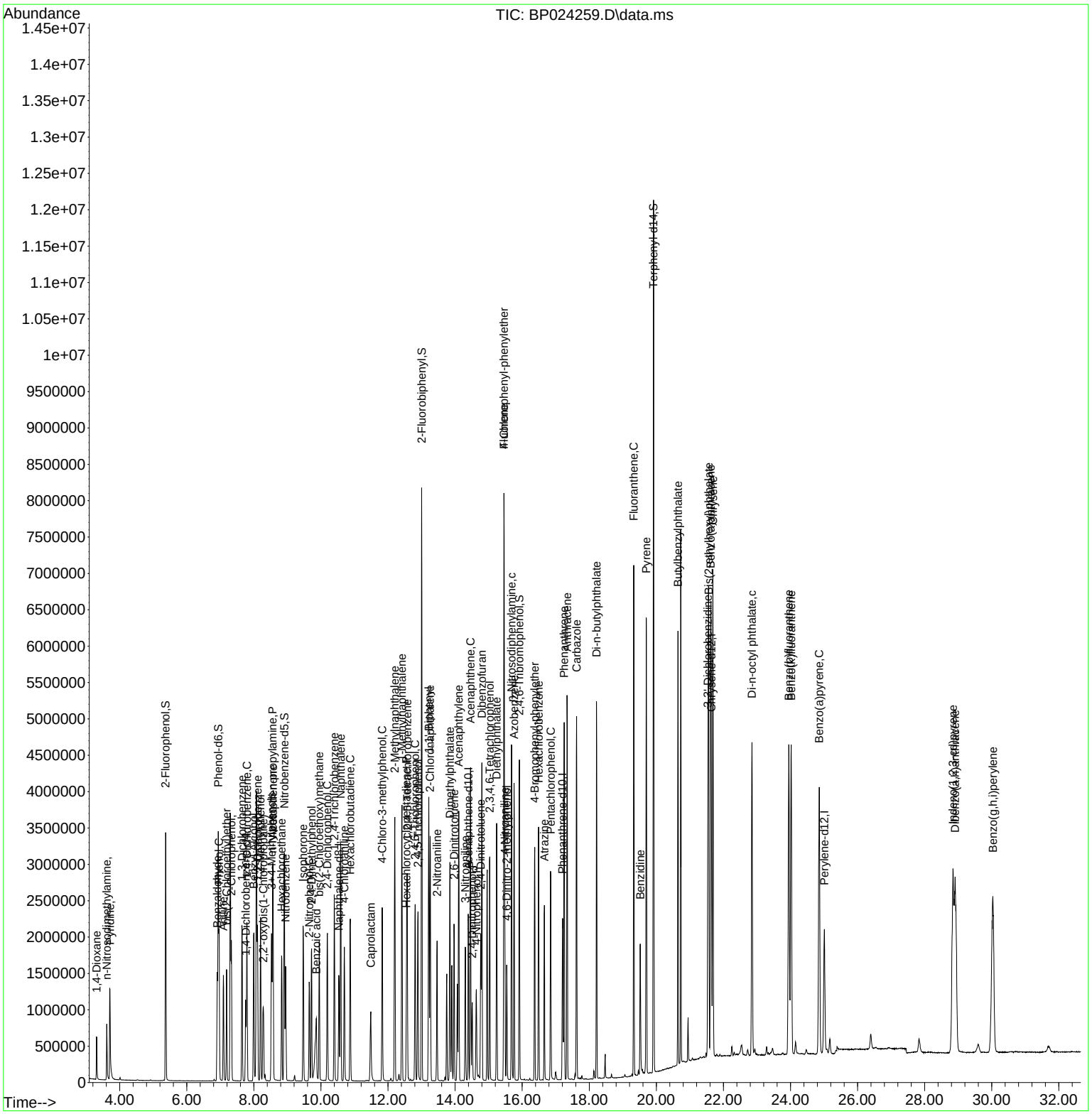
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	657619	43.236	ng		99
46) 1,1'-Biphenyl	13.216	154	2300015	40.542	ng		99
47) 2-Chloronaphthalene	13.257	162	1726724	40.465	ng		99
48) 2-Nitroaniline	13.463	65	496898	45.527	ng		100
49) Acenaphthylene	14.110	152	2696370	41.760	ng		100
50) Dimethylphthalate	13.845	163	2201075	41.667	ng		99
51) 2,6-Dinitrotoluene	13.969	165	480773	43.255	ng		97
52) Acenaphthene	14.463	154	1682367	40.781	ng		100
53) 3-Nitroaniline	14.304	138	526381	43.848	ng		97
54) 2,4-Dinitrophenol	14.510	184	277095	47.115	ng		96
55) Dibenzofuran	14.798	168	2696334	40.350	ng		98
56) 4-Nitrophenol	14.633	139	458976	45.756	ng		98
57) 2,4-Dinitrotoluene	14.763	165	651438	44.371	ng		97
58) Fluorene	15.457	166	2119056	40.700	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	566136	42.129	ng		97
60) Diethylphthalate	15.239	149	2229474	42.381	ng		100
61) 4-Chlorophenyl-phenyle...	15.457	204	1024091	40.103	ng		96
62) 4-Nitroaniline	15.480	138	545990	43.364	ng		99
63) Azobenzene	15.757	77	2109289	42.541	ng		97
65) 4,6-Dinitro-2-methylph...	15.539	198	372193	44.075	ng		97
66) n-Nitrosodiphenylamine	15.686	169	1789396	41.426	ng		99
67) 4-Bromophenyl-phenylether	16.374	248	649551	41.592	ng		98
68) Hexachlorobenzene	16.492	284	761794	41.213	ng		99
69) Atrazine	16.663	200	421164	40.396	ng		99
70) Pentachlorophenol	16.851	266	546484	45.717	ng		99
71) Phenanthrene	17.251	178	3186211	41.003	ng		99
72) Anthracene	17.339	178	3134014	41.409	ng		99
73) Carbazole	17.621	167	3073920	42.115	ng		99
74) Di-n-butylphthalate	18.215	149	3848693	44.419	ng		100
75) Fluoranthene	19.327	202	3772405	41.916	ng		99
77) Benzidine	19.521	184	1220703	75.598	ng		100
78) Pyrene	19.698	202	3894683	42.418	ng		100
80) Butylbenzylphthalate	20.645	149	1770125	46.750	ng		100
81) Benzo(a)anthracene	21.621	228	3778651	41.152	ng		100
82) 3,3'-Dichlorobenzidine	21.539	252	1432446	46.547	ng		99
83) Chrysene	21.686	228	3627476	41.095	ng		99
84) Bis(2-ethylhexyl)phtha...	21.562	149	2601162	45.528	ng		100
85) Di-n-octyl phthalate	22.851	149	4369468	47.734	ng		100
87) Indeno(1,2,3-cd)pyrene	28.844	276	4872753	41.422	ng	#	91
88) Benzo(b)fluoranthene	23.950	252	4203453	41.362	ng		98
89) Benzo(k)fluoranthene	24.021	252	3986349	40.100	ng		99
90) Benzo(a)pyrene	24.856	252	3689826	41.754	ng		99
91) Dibenzo(a,h)anthracene	28.909	278	4044449	41.326	ng		99
92) Benzo(g,h,i)perylene	30.033	276	4094492	41.156	ng		98

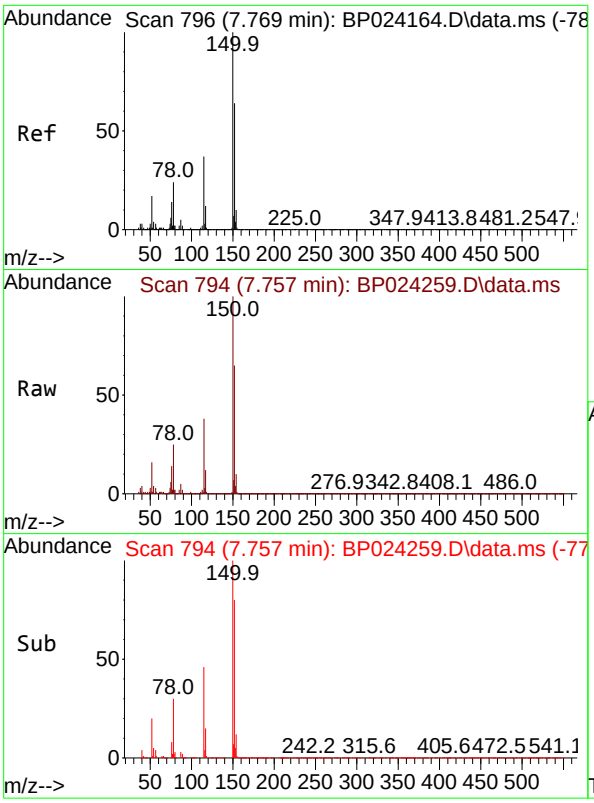
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
Data File : BP024259.D
Acq On : 11 Apr 2025 09:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 11 19:19:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 10 11:43:37 2025
Response via : Initial Calibration



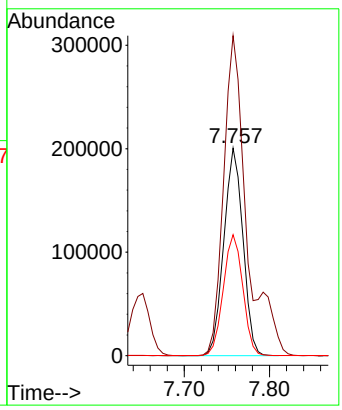


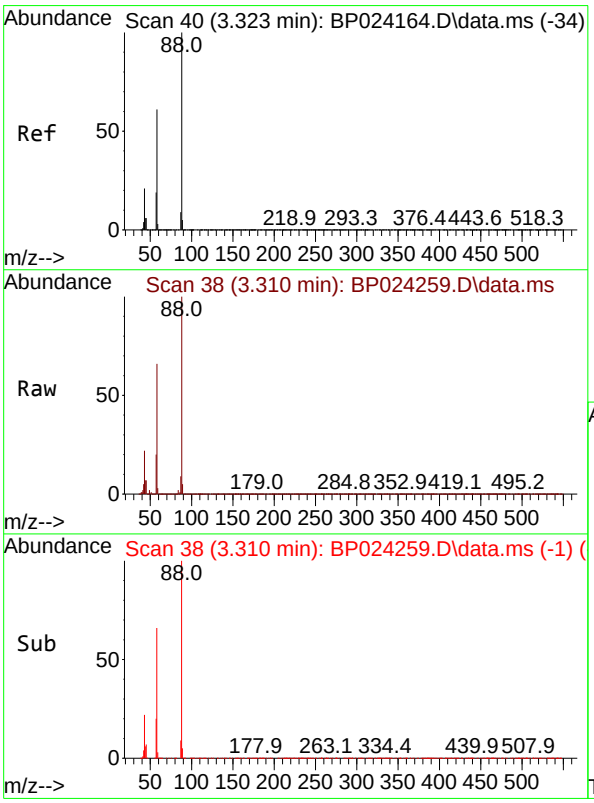
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 7
Delta R.T. 0.011 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 312531

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.5	188.3
115	58.3	46.3	69.5

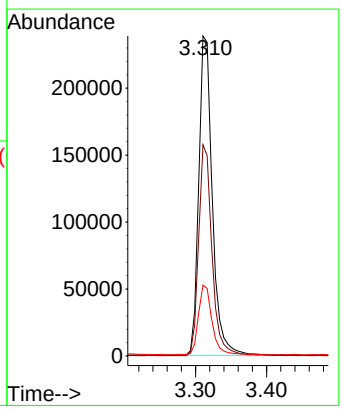


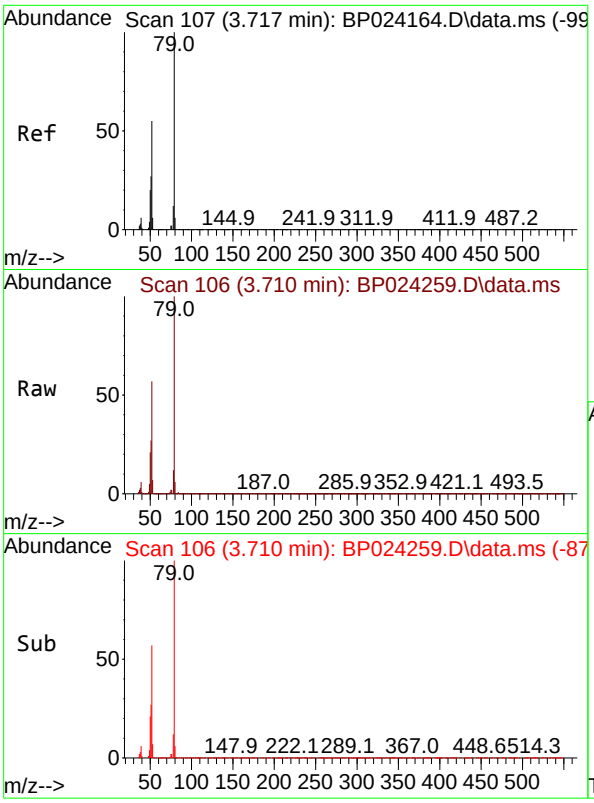


#2
1,4-Dioxane
Concen: 40.925 ng
RT: 3.310 min Scan# 38
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion: 88 Resp: 317614

Ion	Ratio	Lower	Upper
88	100		
58	65.2	49.8	74.6
43	22.0	17.3	25.9



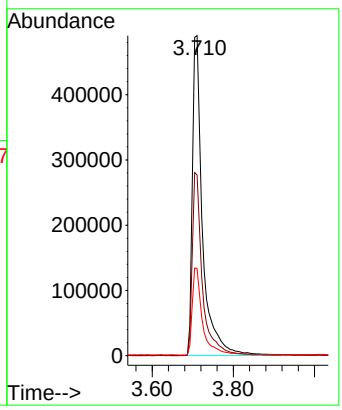


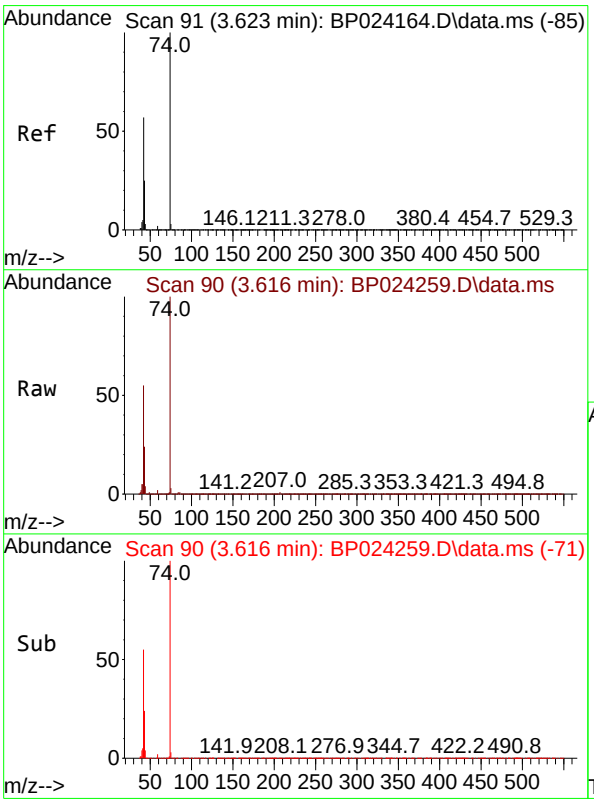
#3
Pyridine
Concen: 40.556 ng
RT: 3.710 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 860456

Ion	Ratio	Lower	Upper
79	100		
52	56.5	43.8	65.8
51	27.3	21.6	32.4

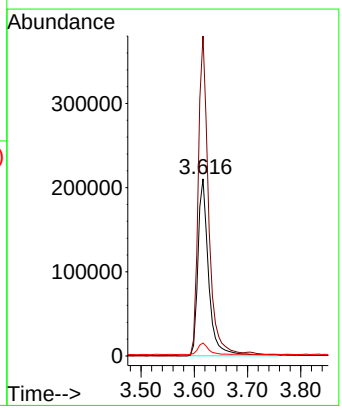


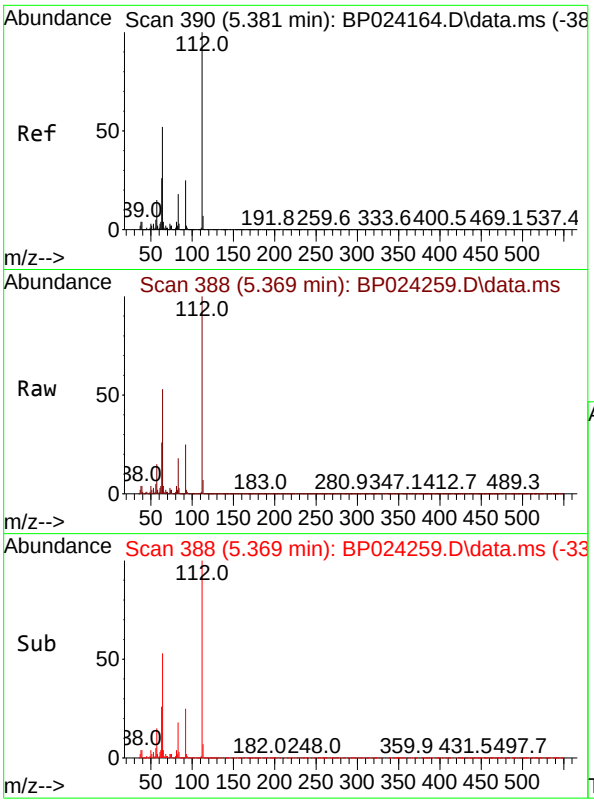


#4
n-Nitrosodimethylamine
Concen: 41.145 ng
RT: 3.616 min Scan# 90
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion: 42 Resp: 291604

Ion	Ratio	Lower	Upper
42	100		
74	180.6	139.8	209.6
44	7.3	5.3	7.9



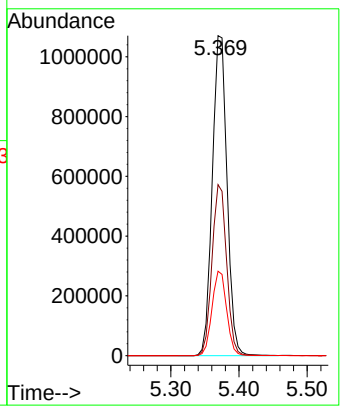


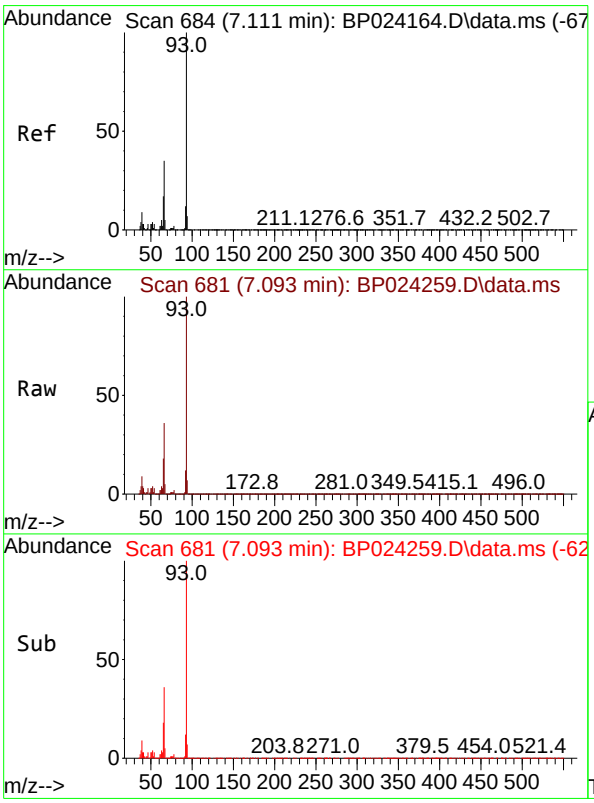
#5
2-Fluorophenol
Concen: 82.143 ng
RT: 5.369 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1608244

Ion	Ratio	Lower	Upper
112	100		
64	53.4	41.3	61.9
63	26.4	20.6	31.0

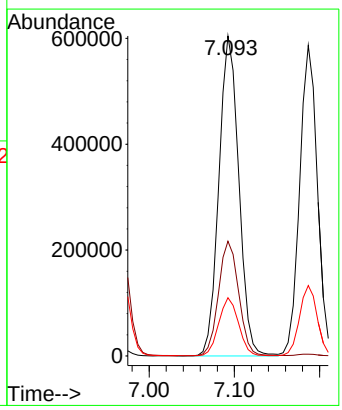


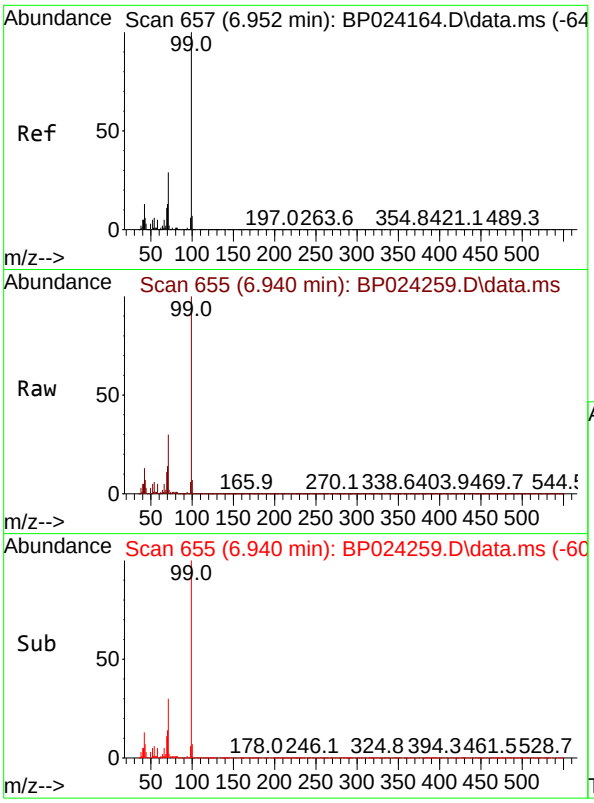


#6
Aniline
Concen: 41.192 ng
RT: 7.093 min Scan# 681
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion: 93 Resp: 982604

Ion	Ratio	Lower	Upper
93	100		
66	35.9	28.2	42.2
65	18.2	14.0	21.0



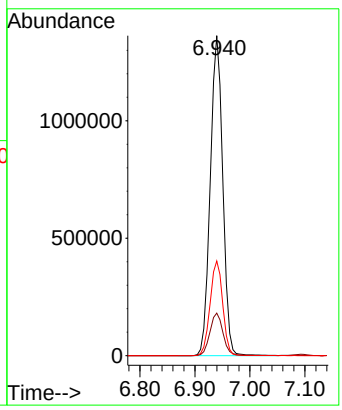


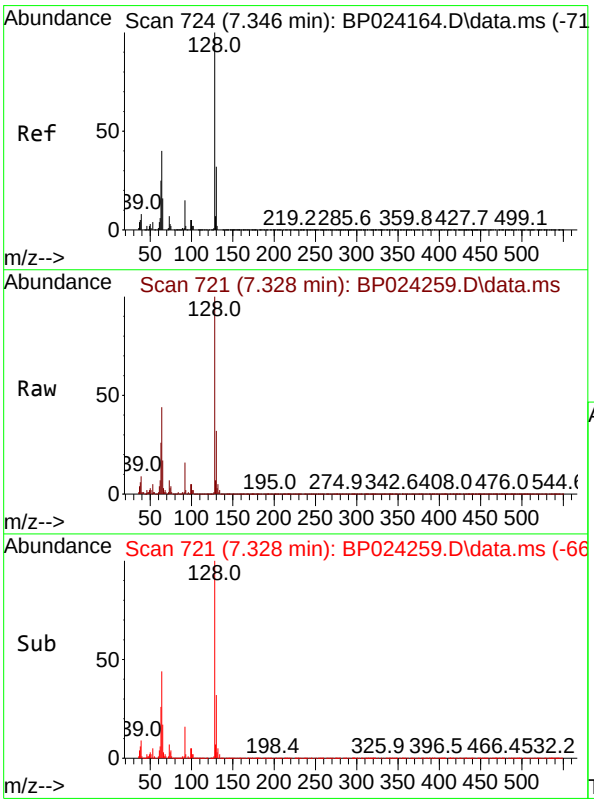
#7
Phenol-d6
Concen: 82.146 ng
RT: 6.940 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2150742

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	29.6	23.3	34.9

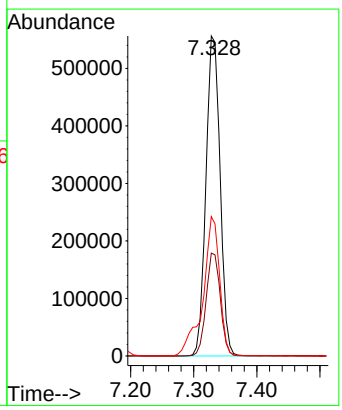


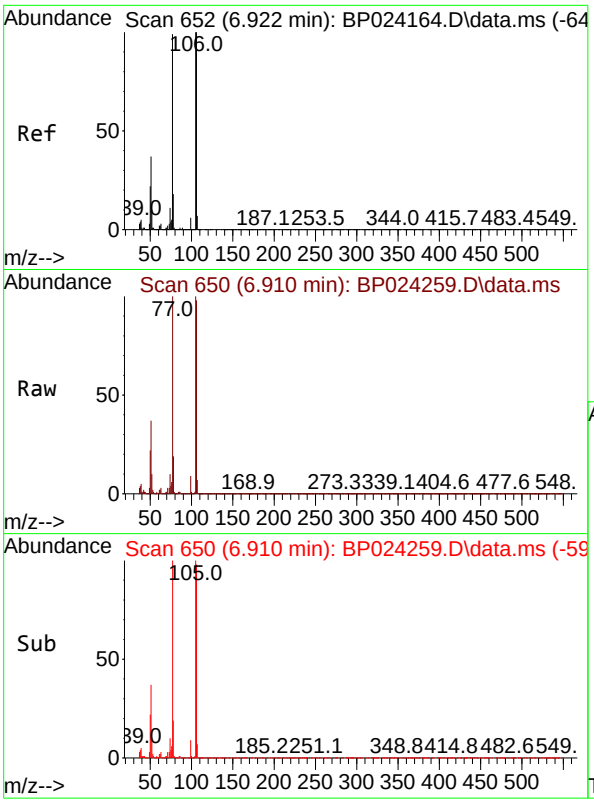


#8
2-Chlorophenol
Concen: 40.913 ng
RT: 7.328 min Scan# 721
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:128 Resp: 865217

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	43.6	21.6	61.6



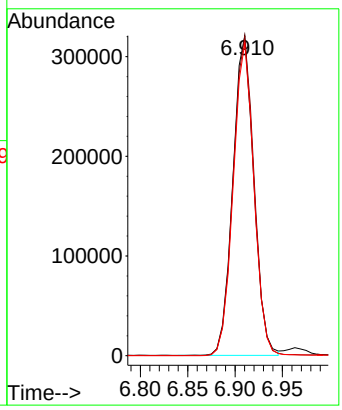


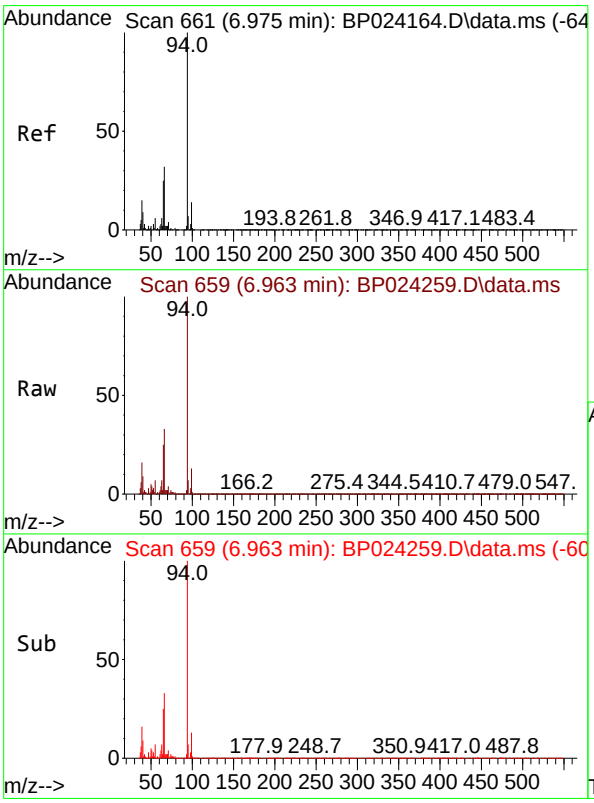
#9
Benzaldehyde
Concen: 38.882 ng
RT: 6.910 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 491265

Ion	Ratio	Lower	Upper
77	100		
105	99.9	81.4	121.4
106	97.7	81.1	121.1

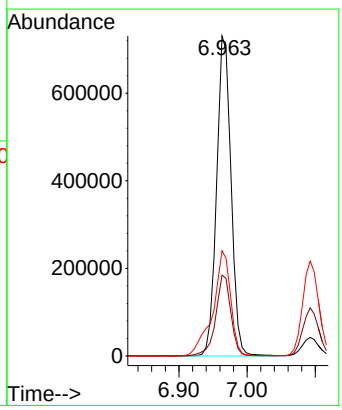


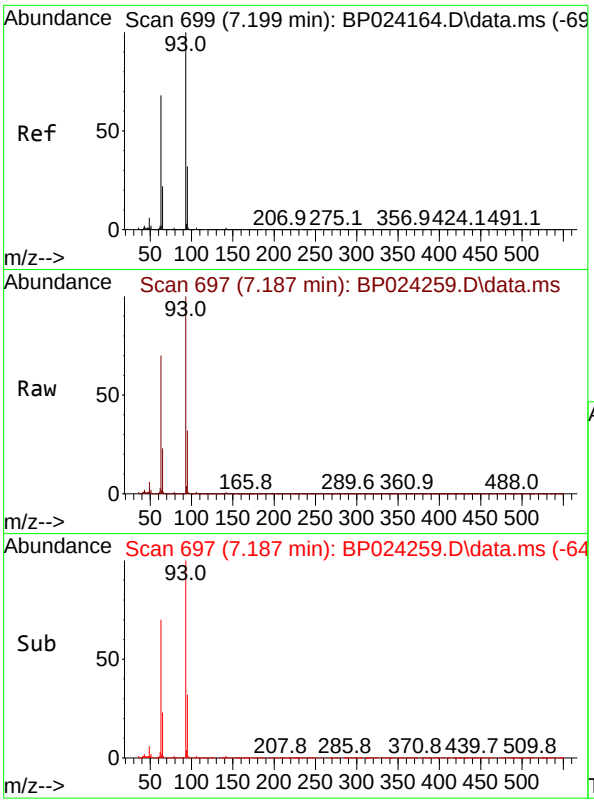


#10
Phenol
Concen: 40.708 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion: 94 Resp: 1075930

Ion	Ratio	Lower	Upper
94	100		
65	25.2	4.9	44.9
66	32.9	11.9	51.9



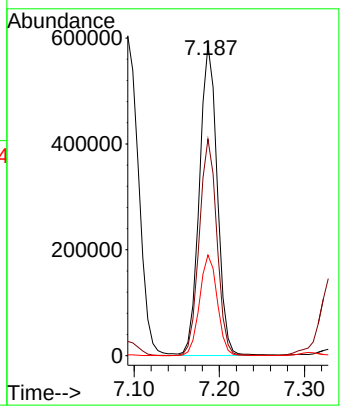


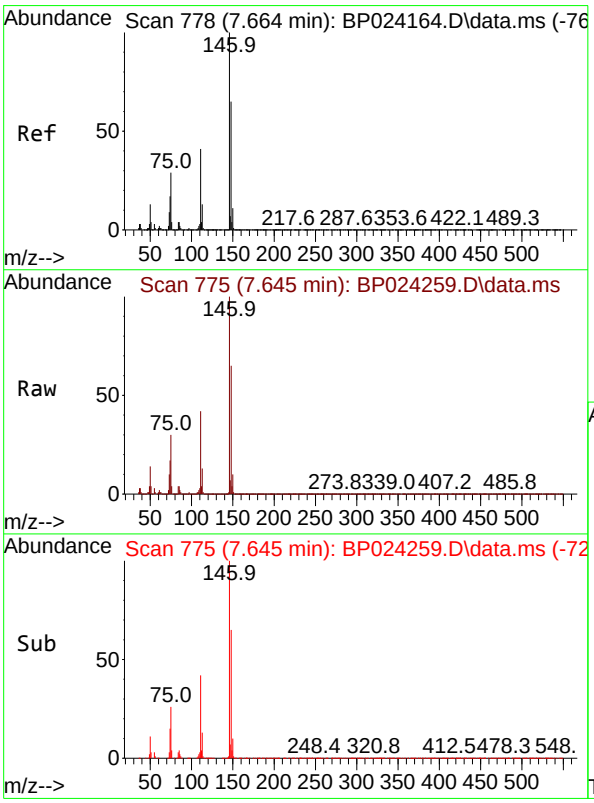
#11
bis(2-Chloroethyl)ether
Concen: 40.818 ng
RT: 7.187 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 850771

Ion	Ratio	Lower	Upper
93	100		
63	69.8	47.4	87.4
95	32.4	12.1	52.1

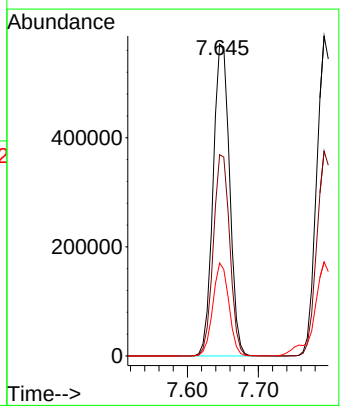


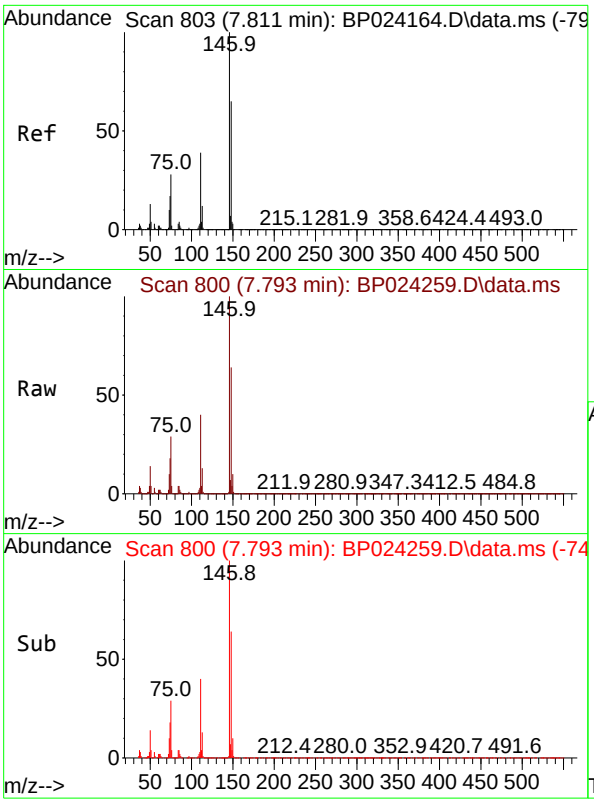


#12
1,3-Dichlorobenzene
Concen: 40.415 ng
RT: 7.645 min Scan# 775
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:146 Resp: 921673

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	29.8	22.8	34.2



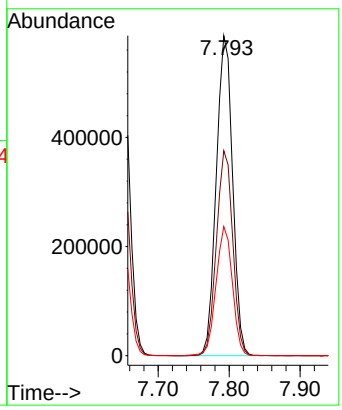


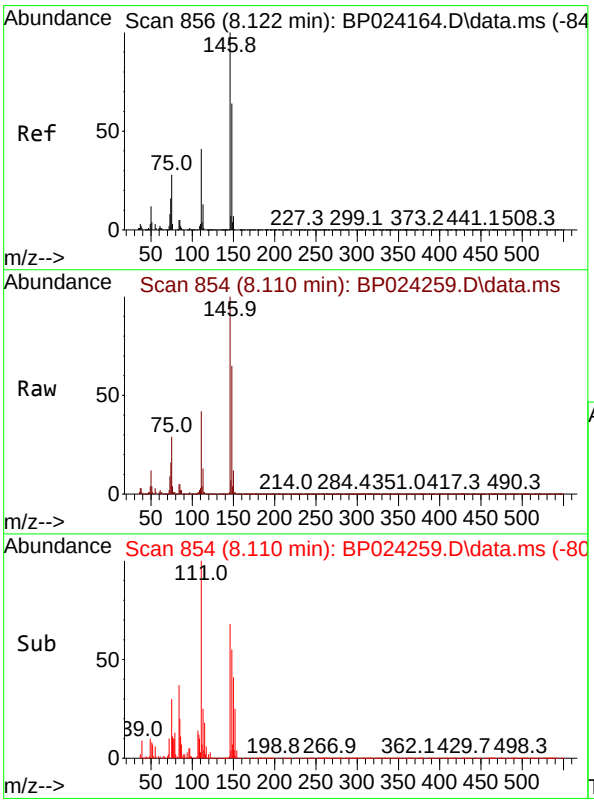
#13
1,4-Dichlorobenzene
Concen: 39.966 ng
RT: 7.793 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 930619

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	40.4	31.4	47.2

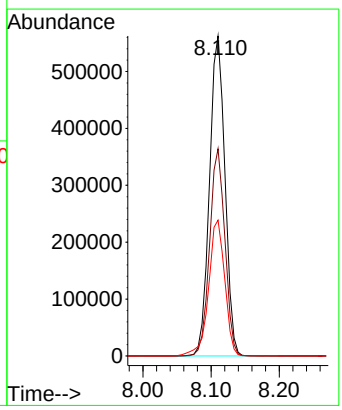


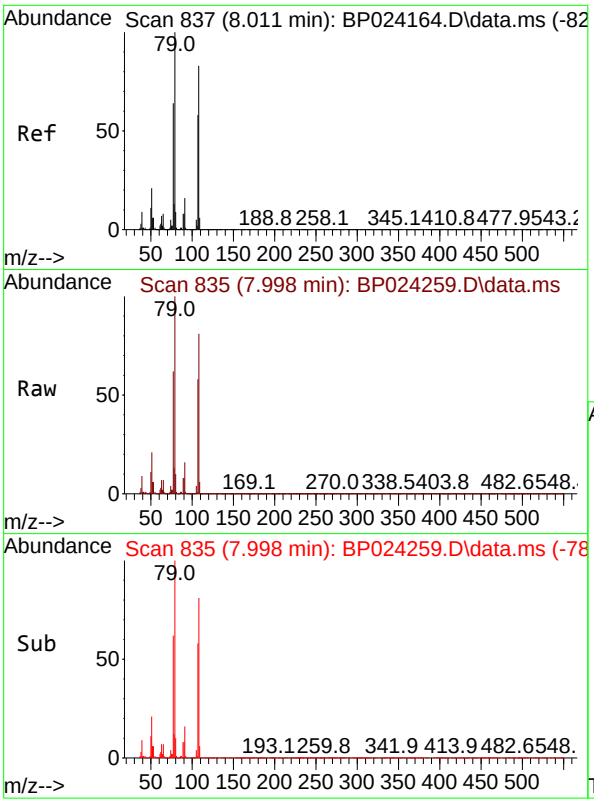


#14
1,2-Dichlorobenzene
Concen: 39.691 ng
RT: 8.110 min Scan# 854
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:146 Resp: 886890

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	42.4	33.2	49.8



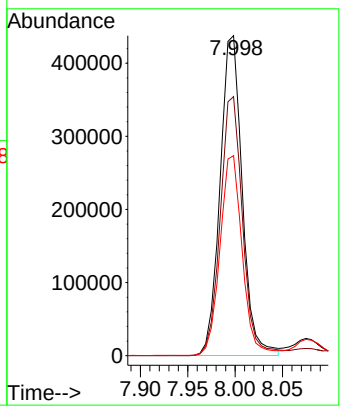


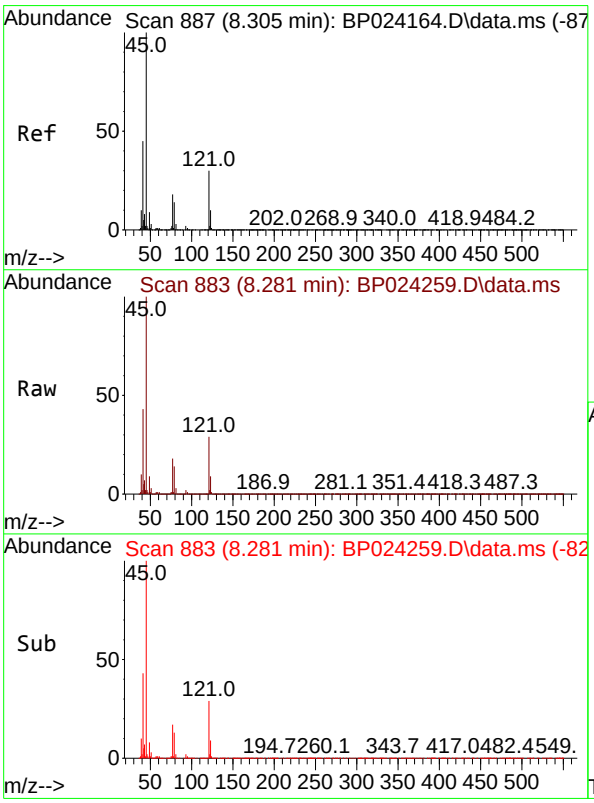
#15
Benzyl Alcohol
Concen: 43.039 ng
RT: 7.998 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 713395

Ion	Ratio	Lower	Upper
79	100		
108	80.9	66.5	99.7
77	62.5	50.9	76.3

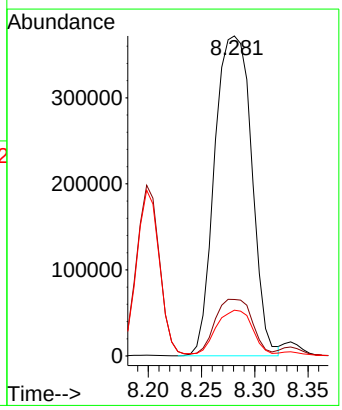


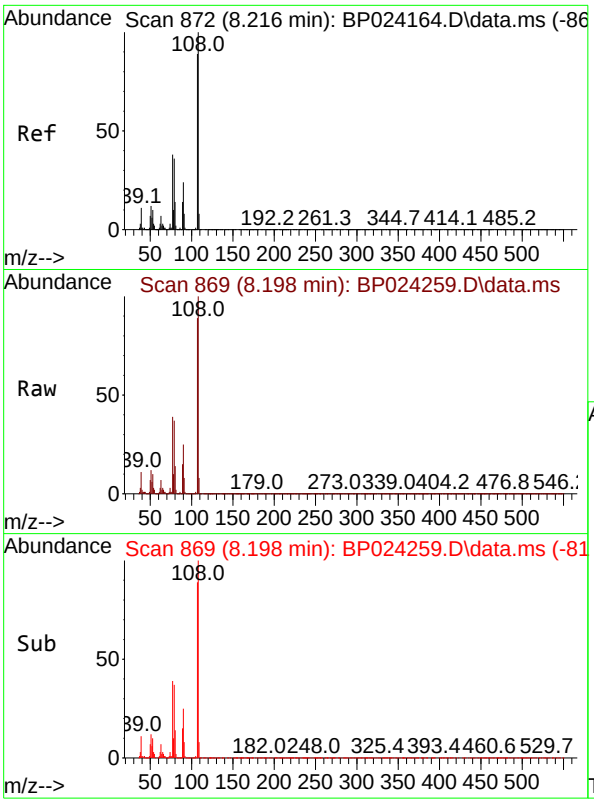


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.197 ng
RT: 8.281 min Scan# 883
Delta R.T. 0.018 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion: 45 Resp: 897651

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	39.0
79	14.3	0.0	35.6



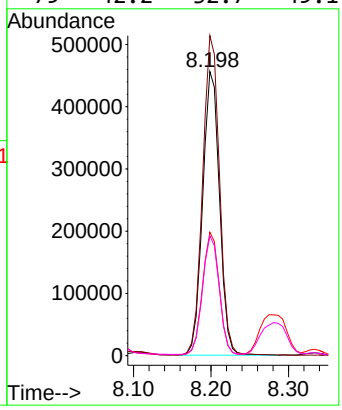


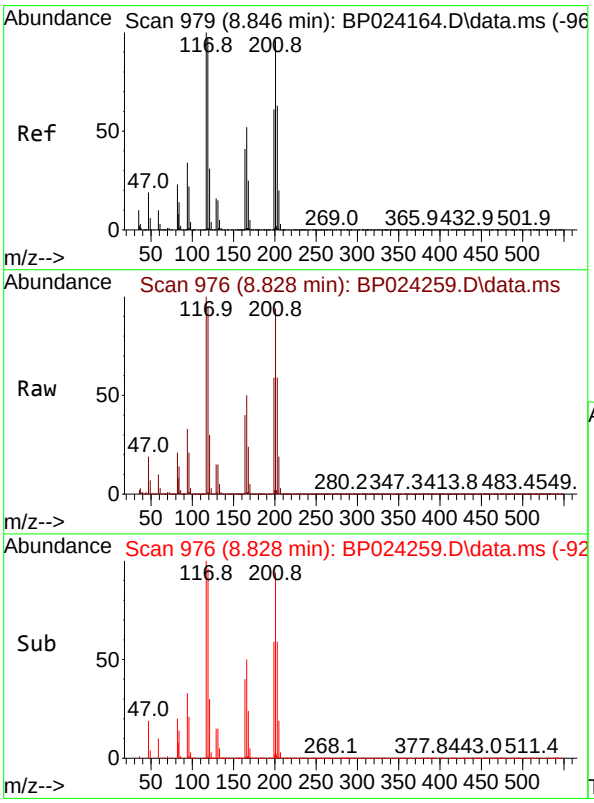
#17
2-Methylphenol
Concen: 41.497 ng
RT: 8.198 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 687771

Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.0	135.0
77	43.5	34.0	51.0
79	42.2	32.7	49.1

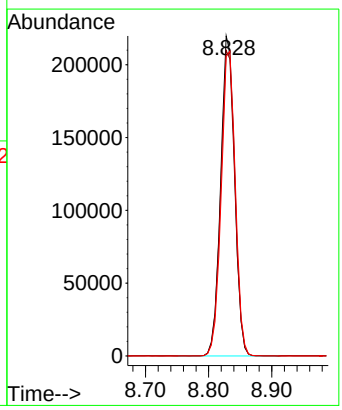


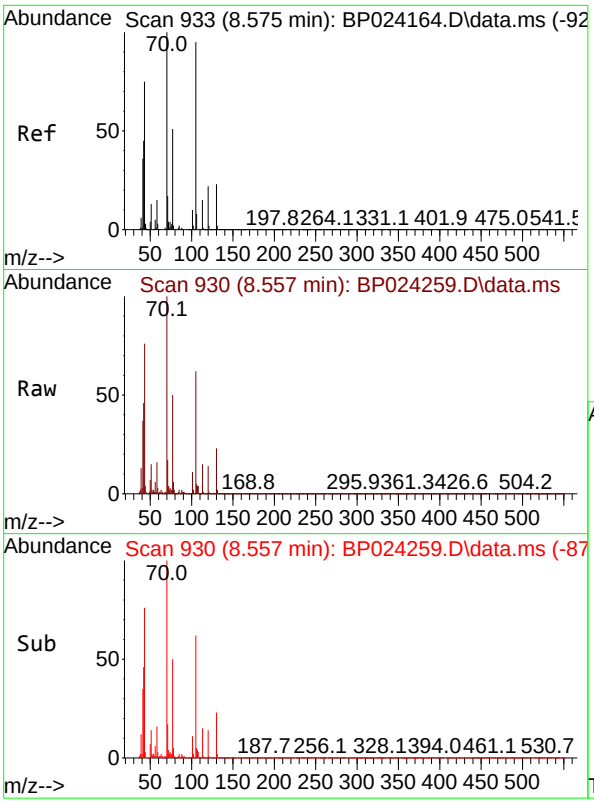


#18
Hexachloroethane
Concen: 41.079 ng
RT: 8.828 min Scan# 976
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:117 Resp: 339362

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	93.6	76.6	114.8



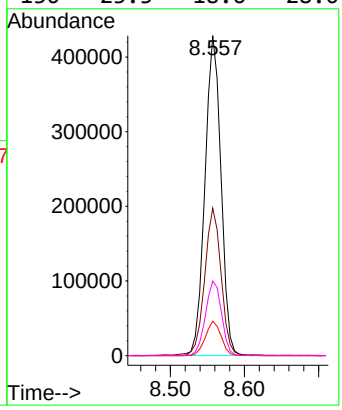


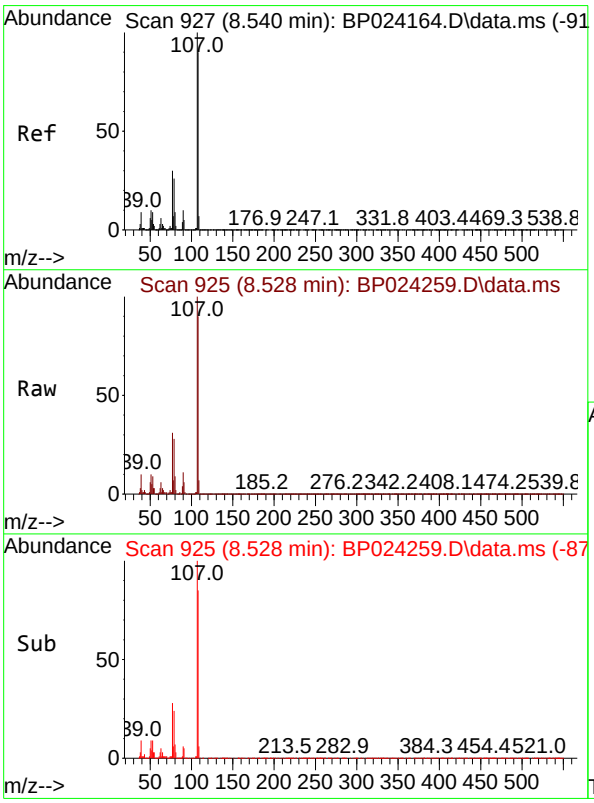
#19
n-Nitroso-di-n-propylamine
Concen: 42.243 ng
RT: 8.557 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 641643

Ion	Ratio	Lower	Upper
70	100		
42	46.1	36.0	54.0
101	10.8	8.3	12.5
130	23.3	18.6	28.0

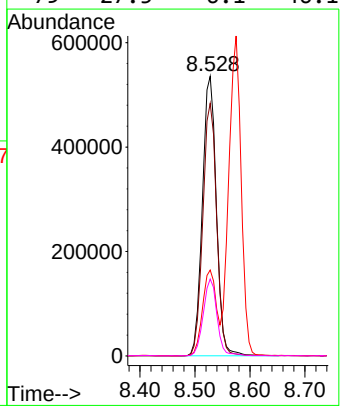


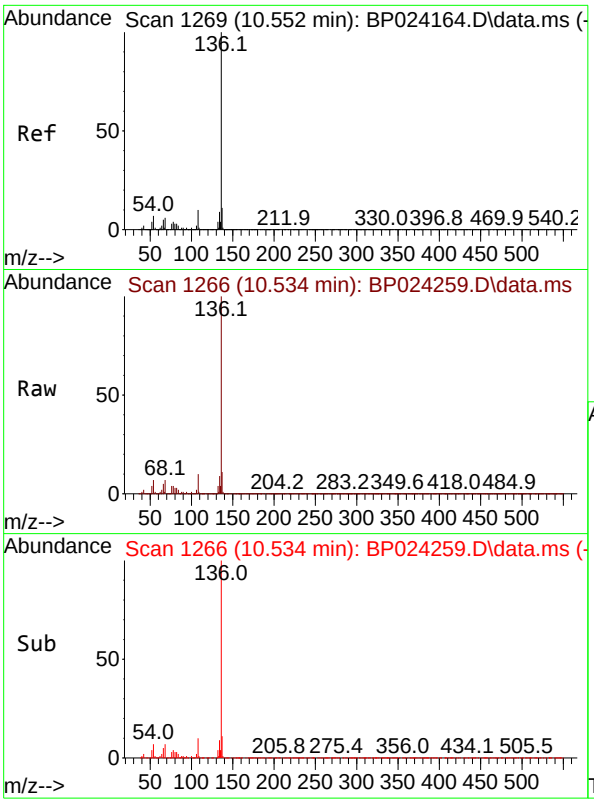


#20
3+4-Methylphenols
Concen: 41.480 ng
RT: 8.528 min Scan# 925
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:107 Resp: 944524

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.7	109.7
77	30.7	10.3	50.3
79	27.5	6.1	46.1



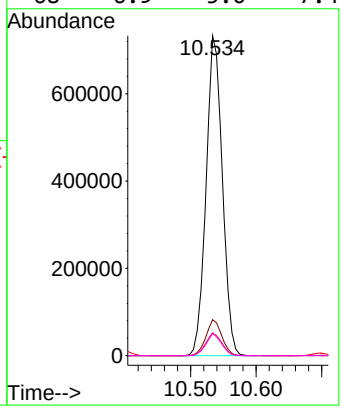


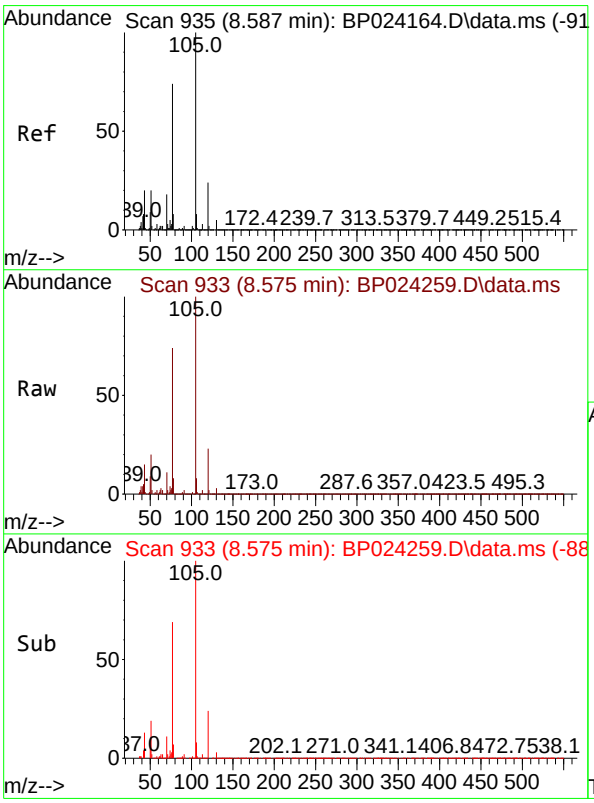
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1264665

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.1	5.3	7.9
68	6.9	5.0	7.4

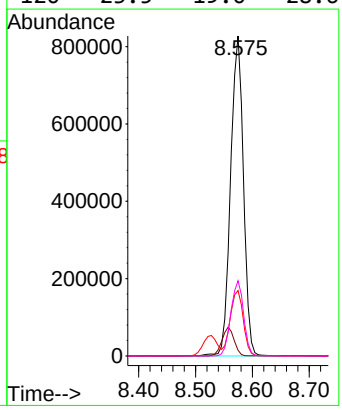


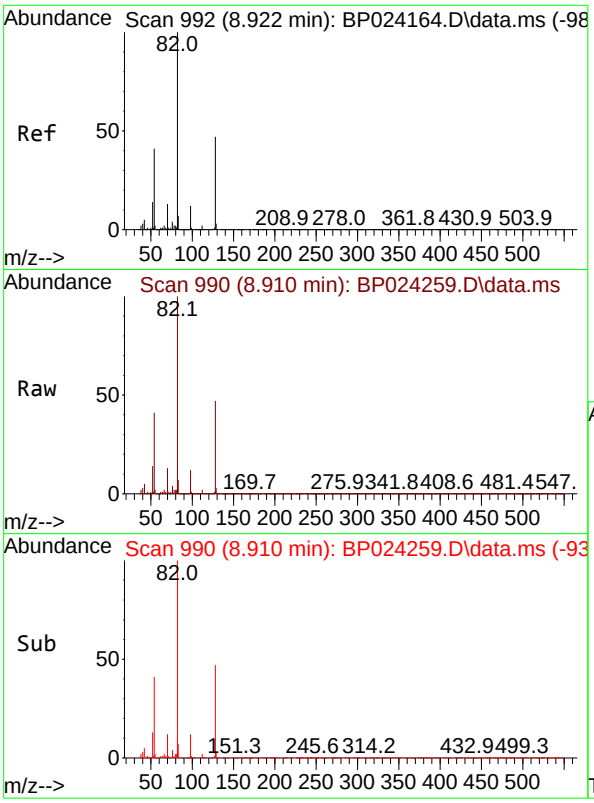


#22
Acetophenone
Concen: 40.597 ng
RT: 8.575 min Scan# 933
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:105 Resp: 1298008

Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.4	3.6#
51	20.5	16.2	24.2
120	23.5	19.0	28.6



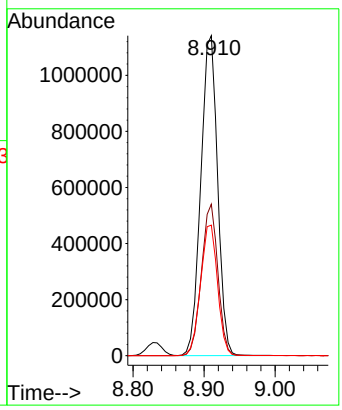


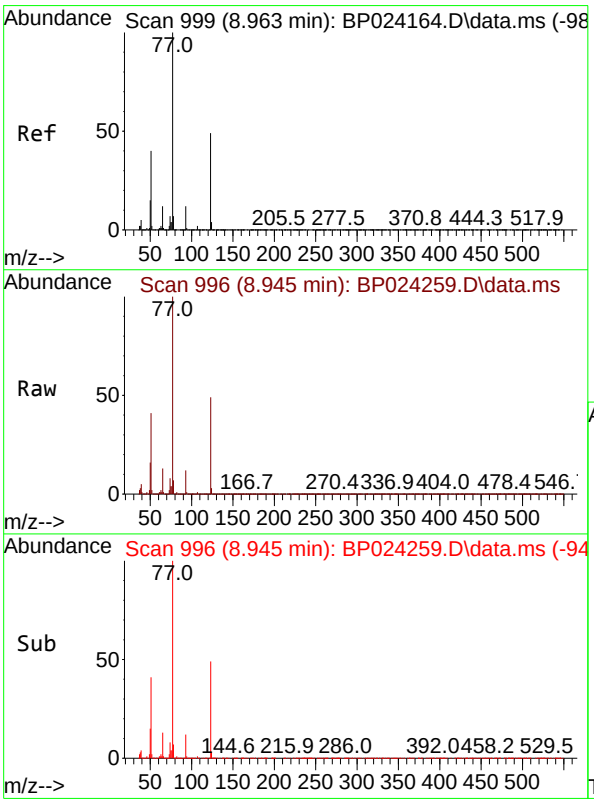
#23
Nitrobenzene-d5
Concen: 83.710 ng
RT: 8.910 min Scan# 9
Delta R.T. 0.018 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1876349

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	40.8	32.5	48.7

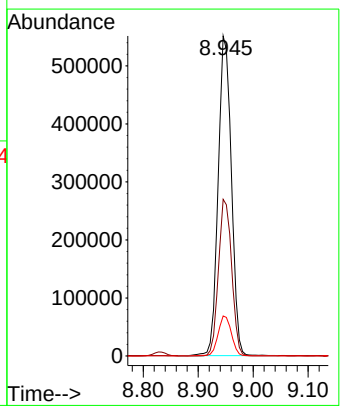


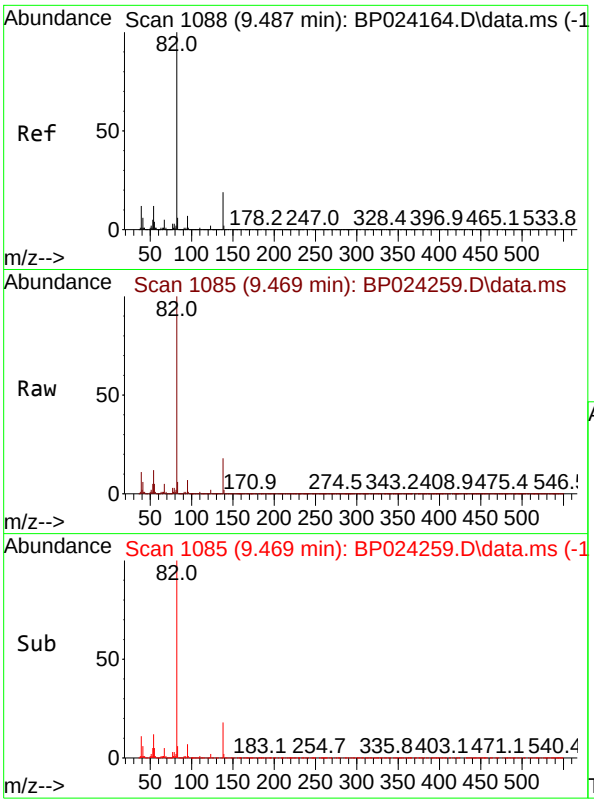


#24
Nitrobenzene
Concen: 41.580 ng
RT: 8.945 min Scan# 996
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion: 77 Resp: 919422

Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.4	59.2
65	12.5	9.9	14.9



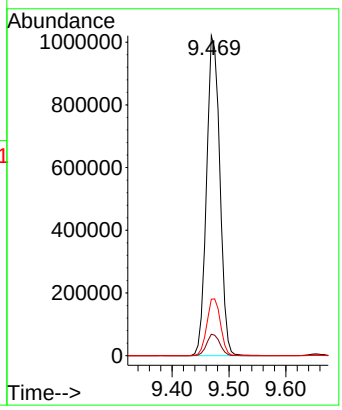


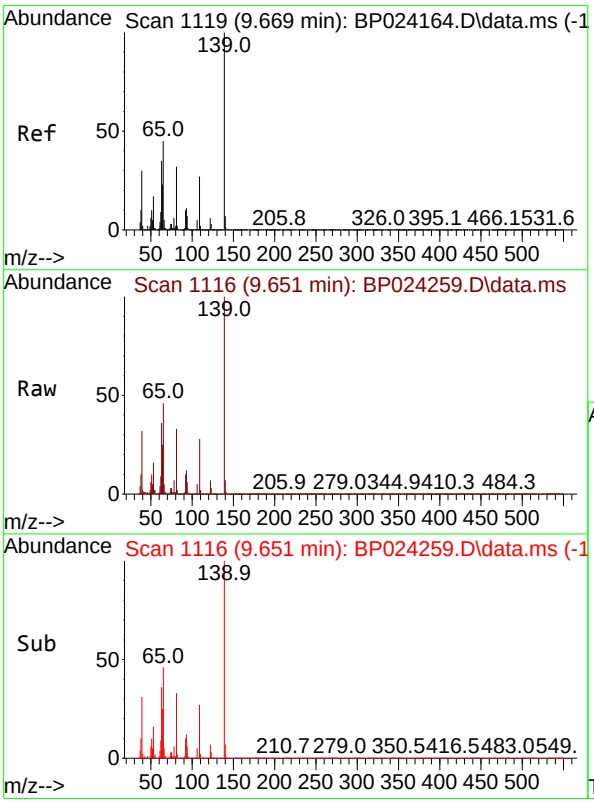
#25
Isophorone
Concen: 42.931 ng
RT: 9.469 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1649521

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	17.6	14.8	22.2

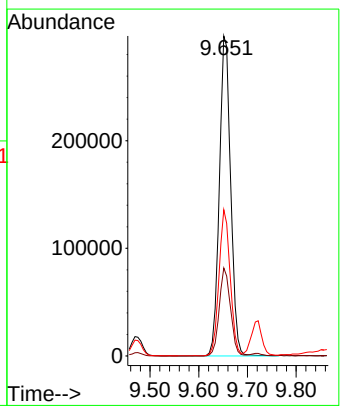


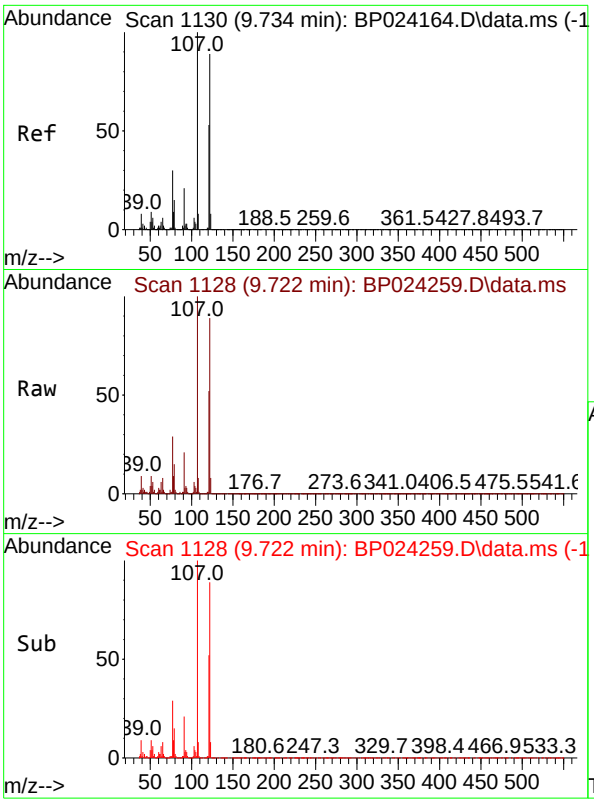


#26
2-Nitrophenol
Concen: 45.579 ng
RT: 9.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:139 Resp: 481417

Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.7	32.5
65	45.7	35.8	53.8



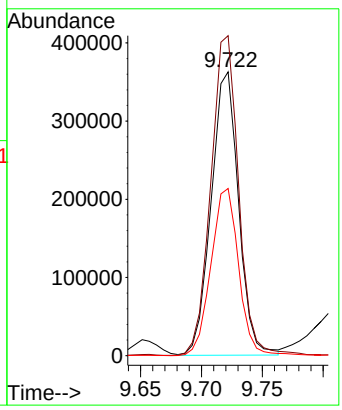


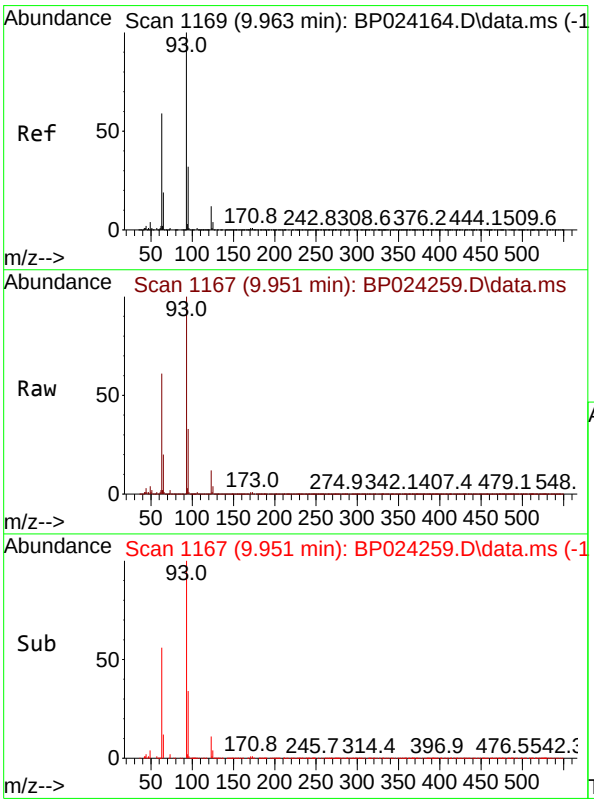
#27
2,4-Dimethylphenol
Concen: 41.809 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 567833

Ion	Ratio	Lower	Upper
122	100		
107	112.7	89.3	133.9
121	58.9	47.5	71.3

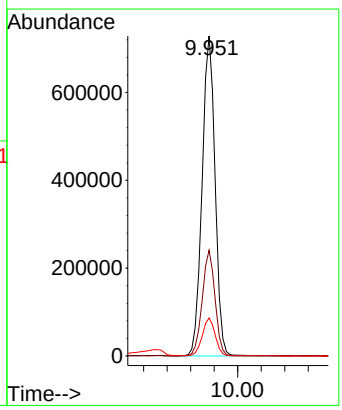


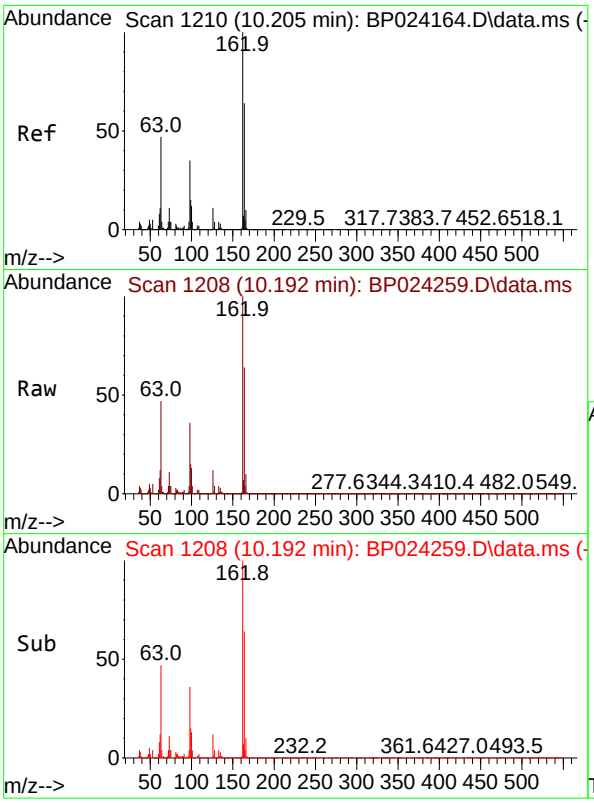


#28
bis(2-Chloroethoxy)methane
Concen: 41.465 ng
RT: 9.951 min Scan# 1167
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion: 93 Resp: 1120826

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.9	38.9
123	11.9	9.5	14.3



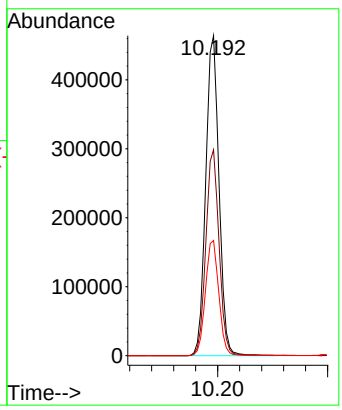


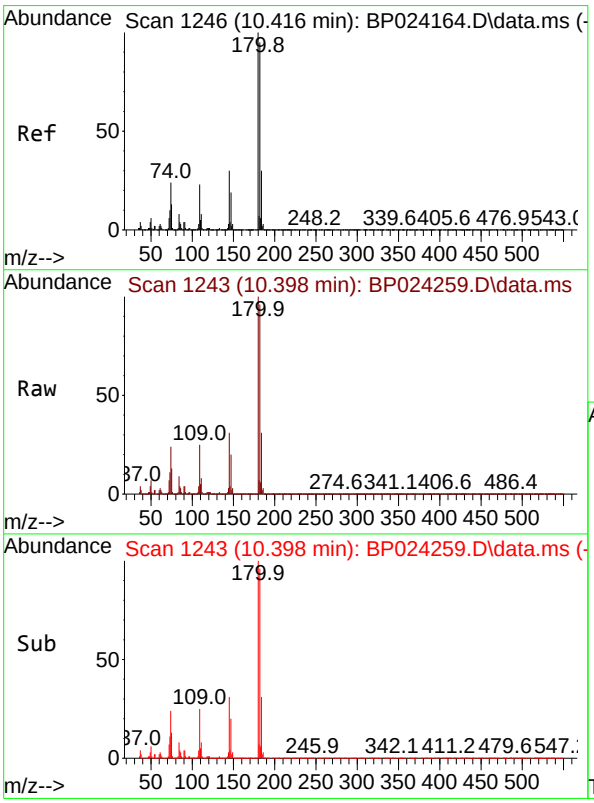
#29
2,4-Dichlorophenol
Concen: 42.257 ng
RT: 10.192 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 776384

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	36.0	15.1	55.1

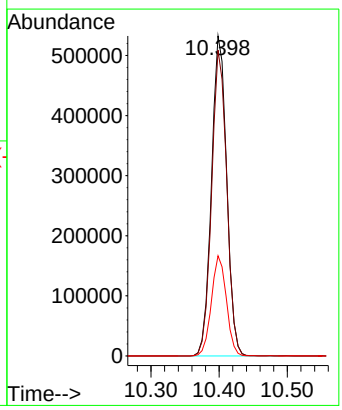


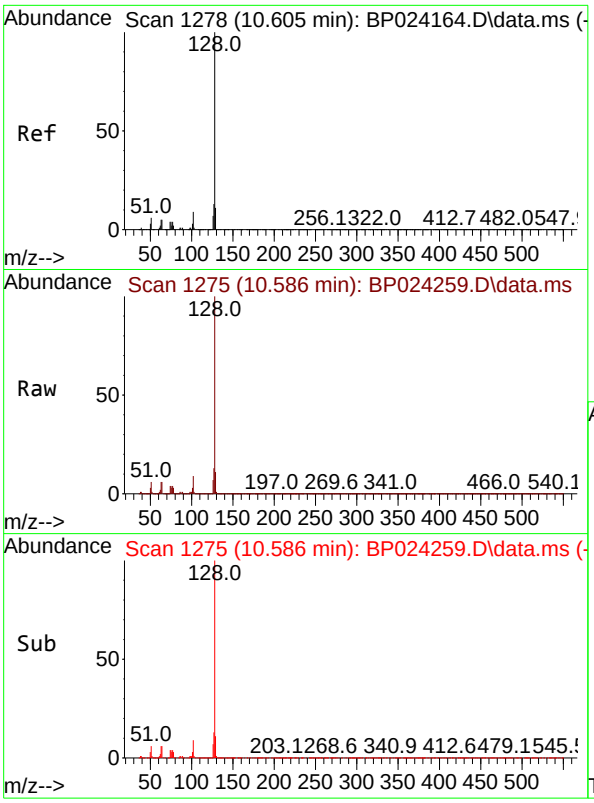


#30
1,2,4-Trichlorobenzene
Concen: 40.668 ng
RT: 10.398 min Scan# 1243
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:180 Resp: 825513

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.1	114.1
145	31.3	24.2	36.2



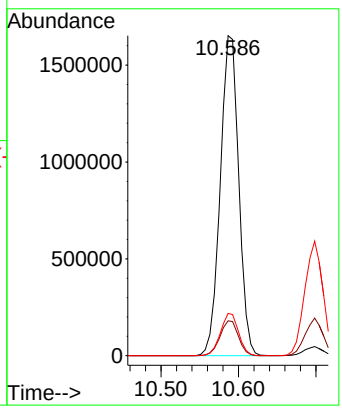


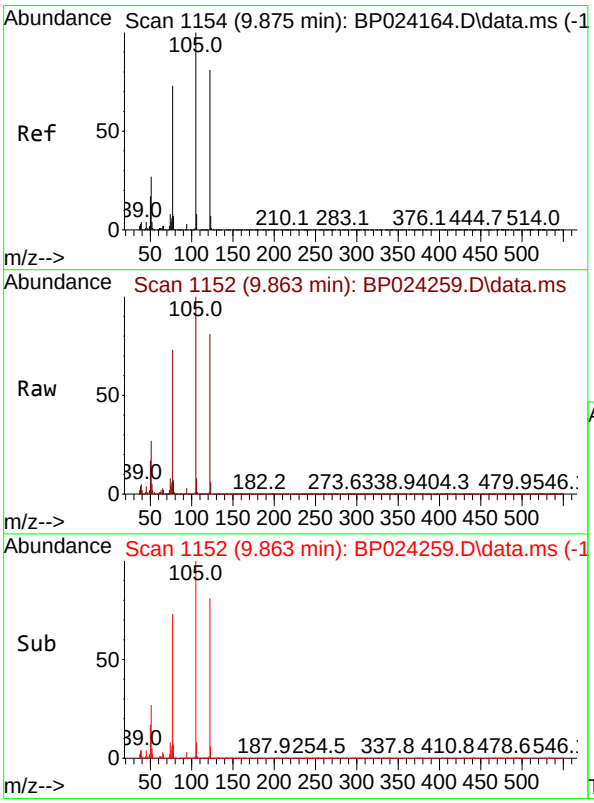
#31
Naphthalene
Concen: 40.751 ng
RT: 10.586 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2731866

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.4	15.6

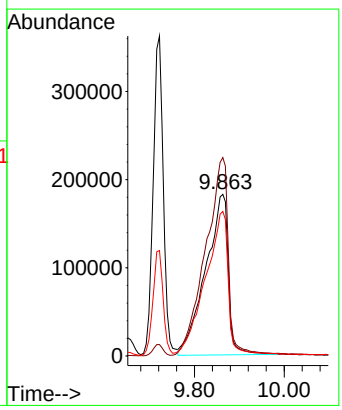


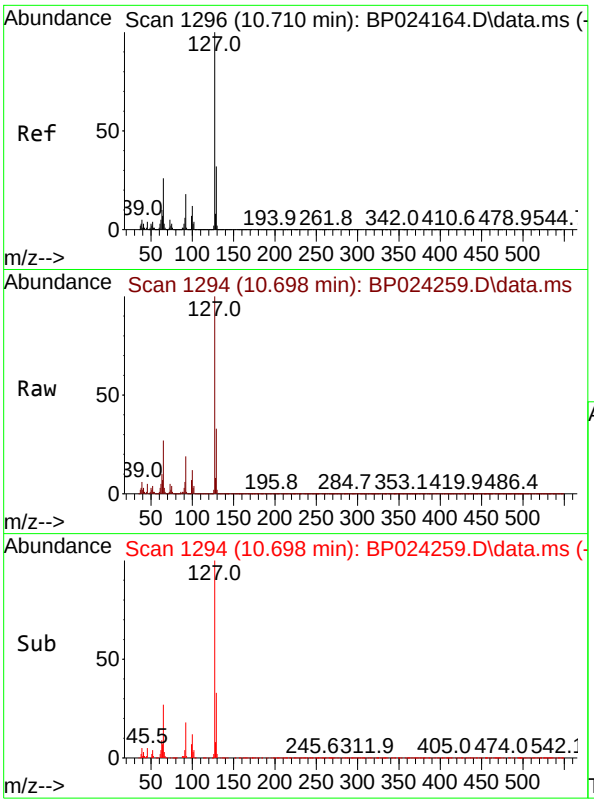


#32
Benzoic acid
Concen: 48.234 ng
RT: 9.863 min Scan# 1152
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:122 Resp: 638897

Ion	Ratio	Lower	Upper
122	100		
105	122.8	100.3	140.3
77	89.4	69.1	109.1



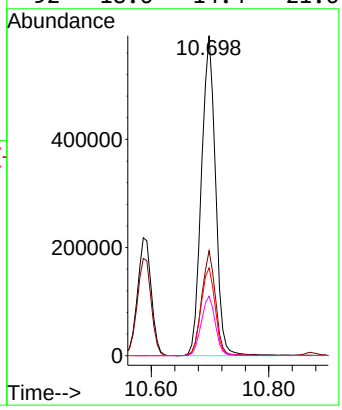


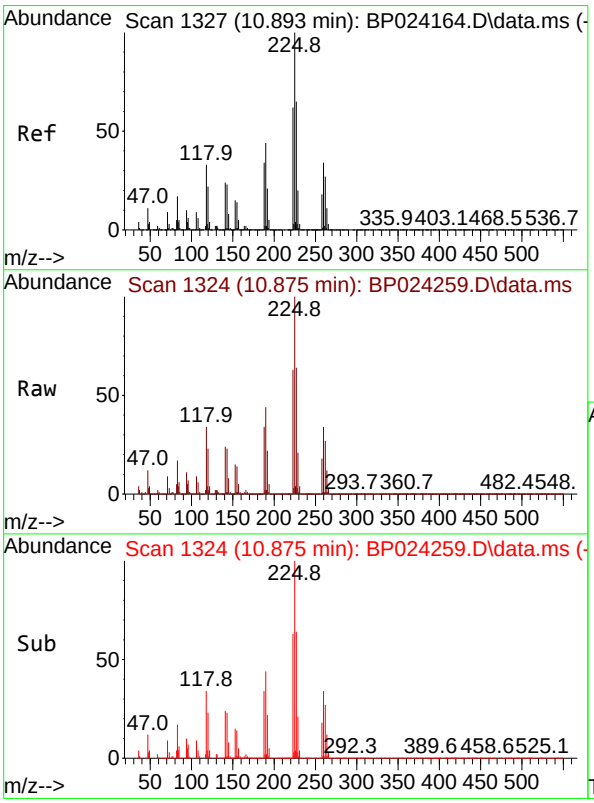
#33
4-Chloroaniline
Concen: 40.916 ng
RT: 10.698 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 981614

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	27.4	21.2	31.8
92	18.6	14.4	21.6

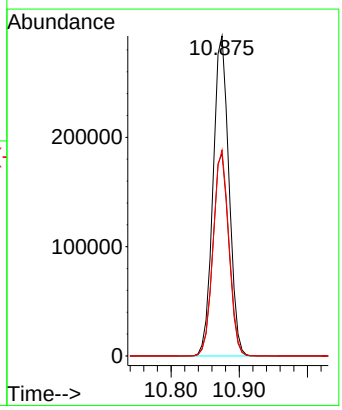


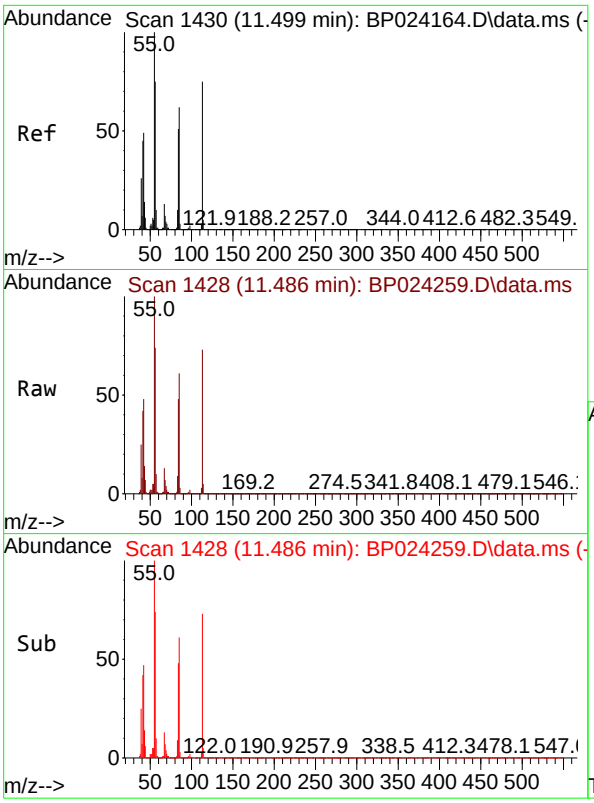


#34
Hexachlorobutadiene
Concen: 40.556 ng
RT: 10.875 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:225 Resp: 473791

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	64.3	52.2	78.2



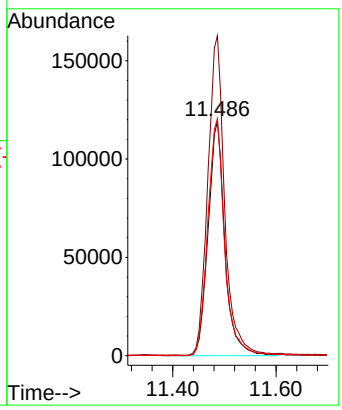


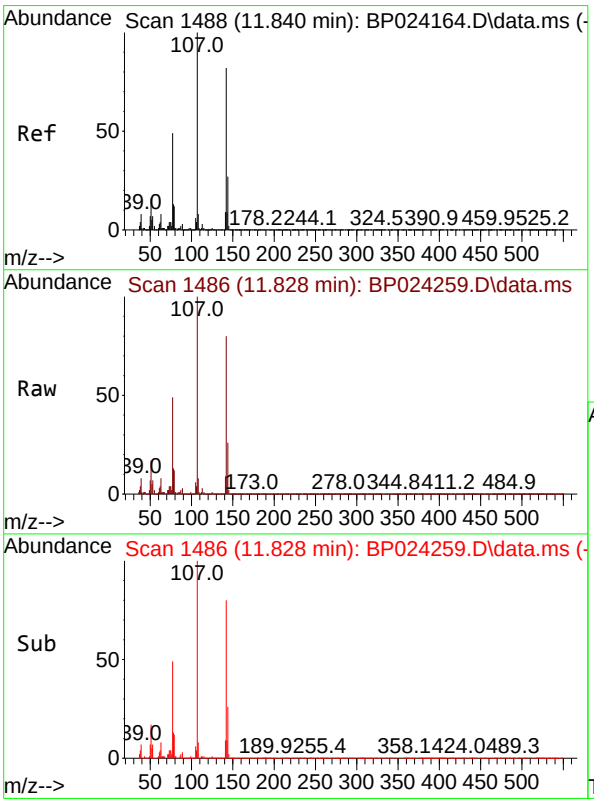
#35
Caprolactam
Concen: 44.371 ng
RT: 11.486 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 267179

Ion	Ratio	Lower	Upper
113	100		
55	136.3	113.6	153.6
56	101.0	80.0	120.0

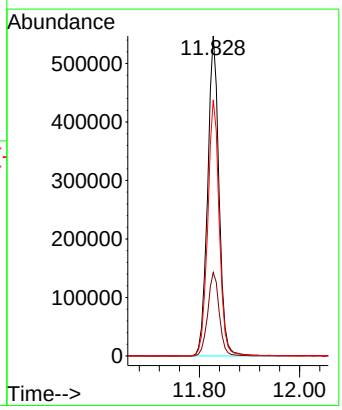


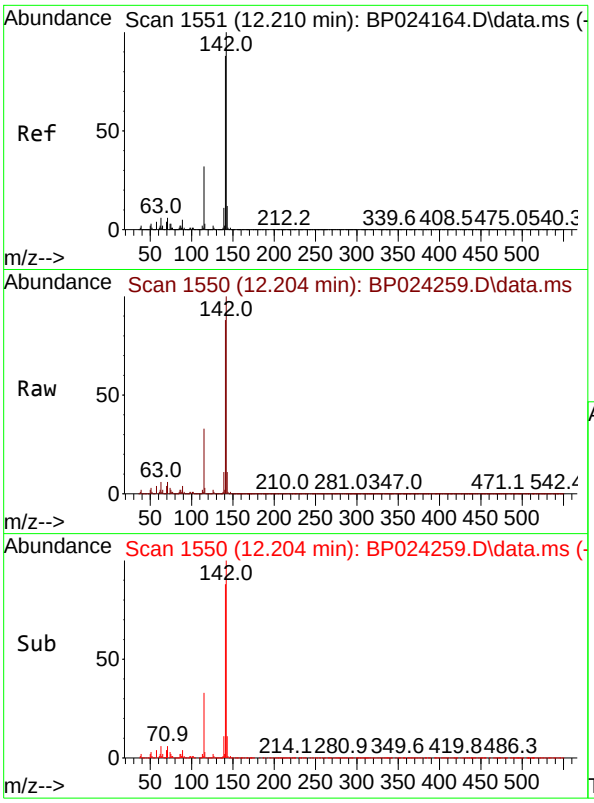


#36
4-Chloro-3-methylphenol
Concen: 43.522 ng
RT: 11.828 min Scan# 1486
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:107 Resp: 862616

Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.6	32.4
142	80.0	65.4	98.0



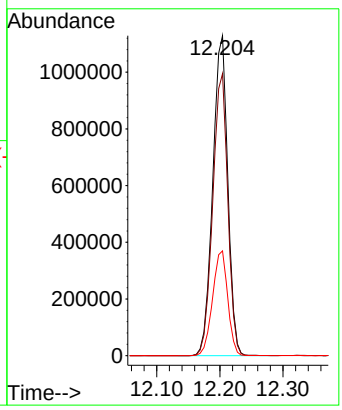


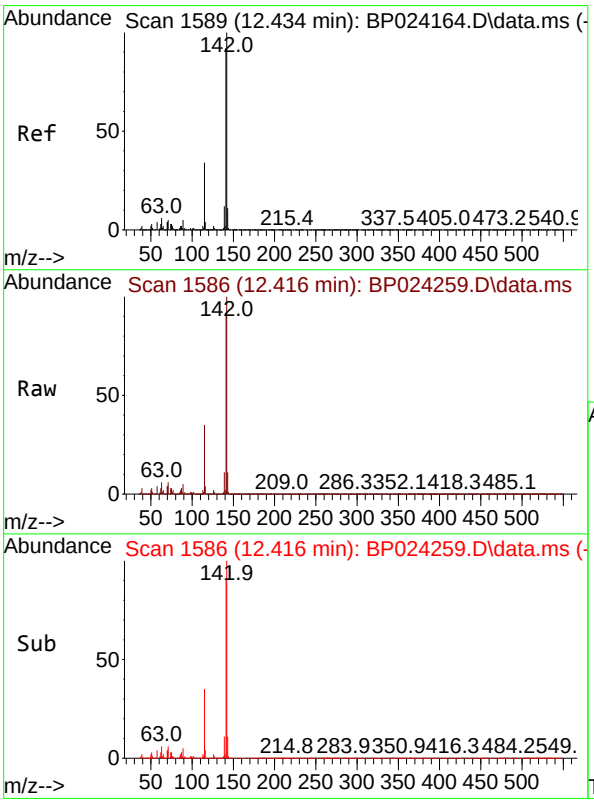
#37
2-Methylnaphthalene
Concen: 41.045 ng
RT: 12.204 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1858908

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	32.7	26.0	39.0

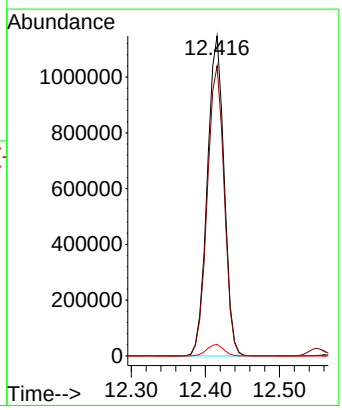


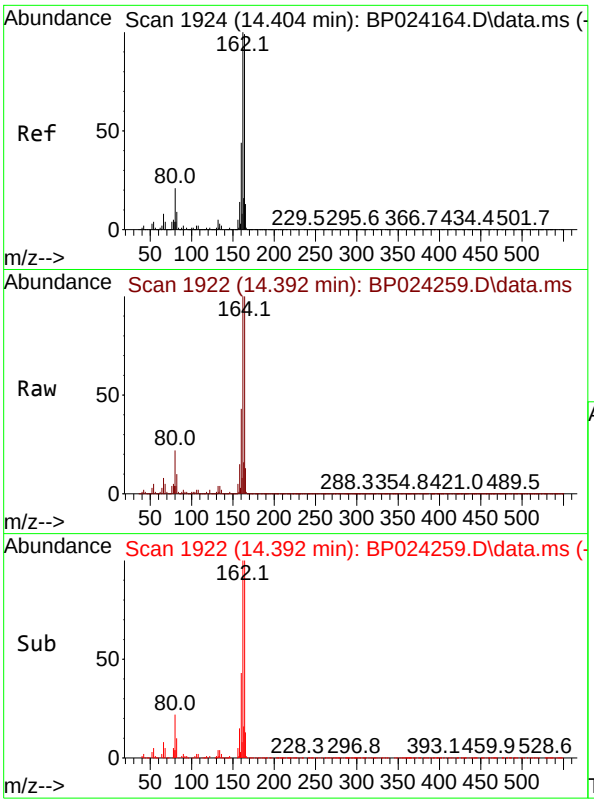


#38
1-Methylnaphthalene
Concen: 40.926 ng
RT: 12.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:142 Resp: 1802806

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.9	110.9
116	3.6	2.8	4.2



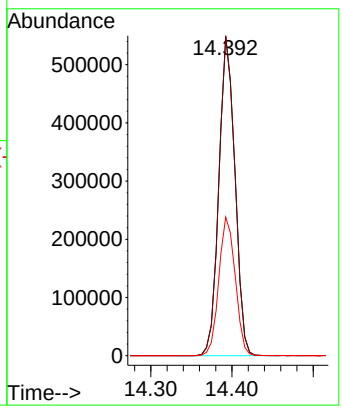


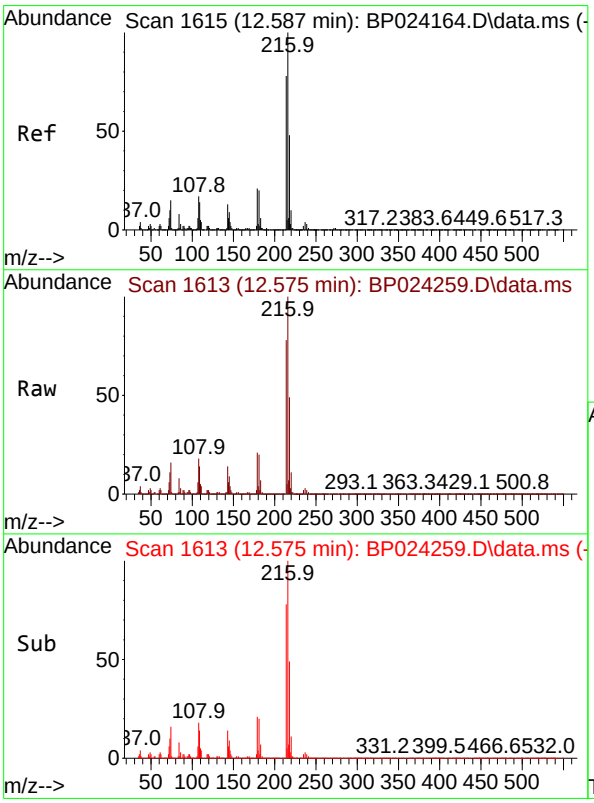
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 754959

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	43.5	35.4	53.2

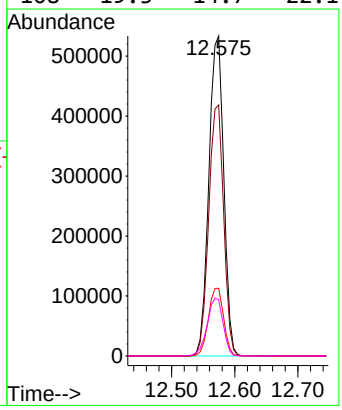


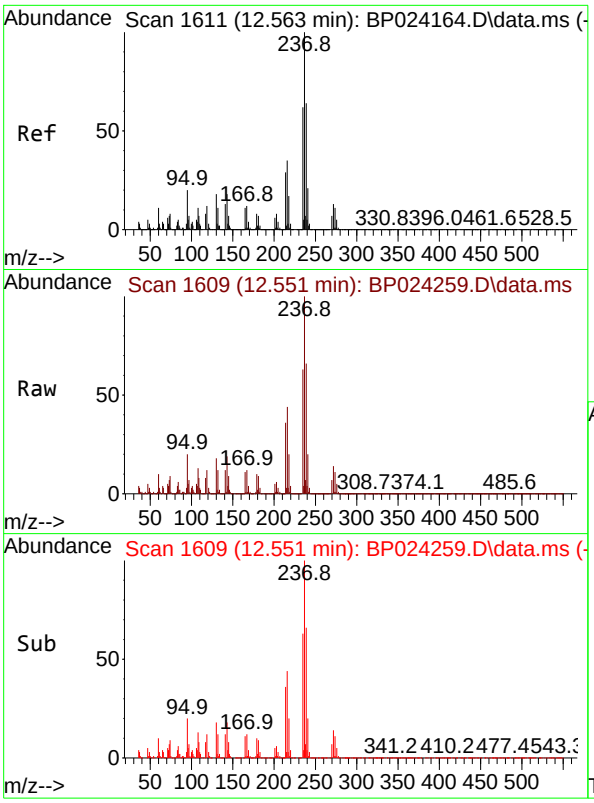


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.030 ng
RT: 12.575 min Scan# 1613
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:216 Resp: 873596

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.8	94.2
179	21.6	16.8	25.2
108	19.3	14.7	22.1



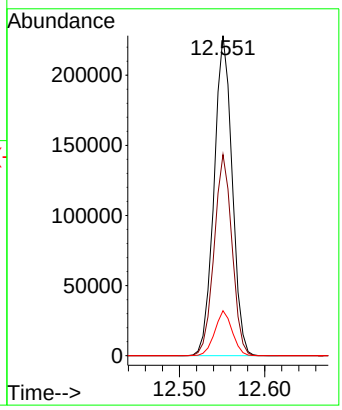


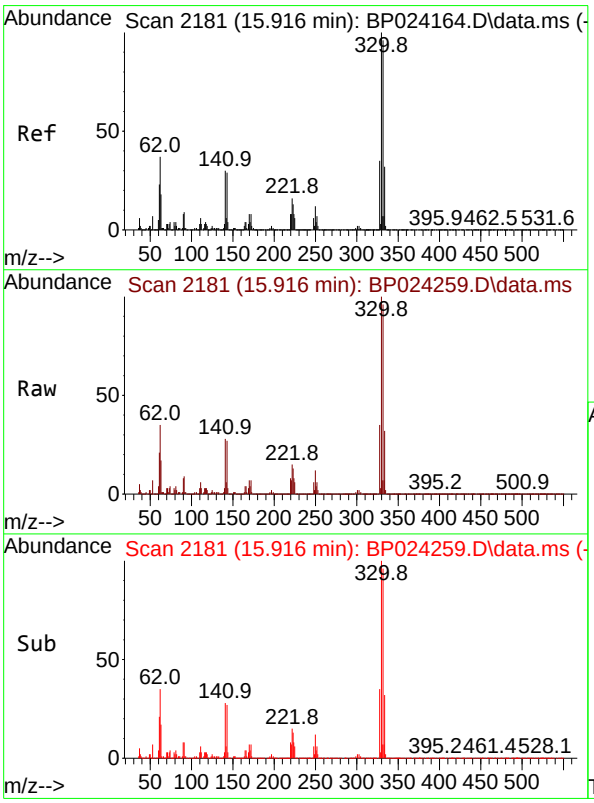
#41
Hexachlorocyclopentadiene
Concen: 42.934 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 337746

Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.8	81.8
272	14.0	0.0	33.5

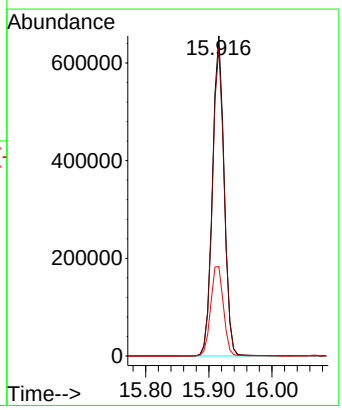


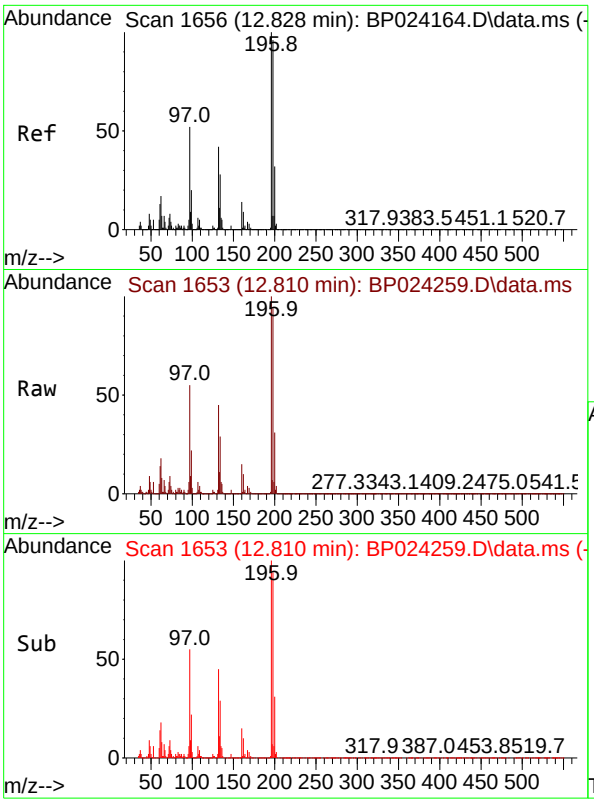


#42
2,4,6-Tribromophenol
Concen: 88.545 ng
RT: 15.916 min Scan# 2181
Delta R.T. 0.018 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:330 Resp: 842033

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	30.5	25.0	37.6



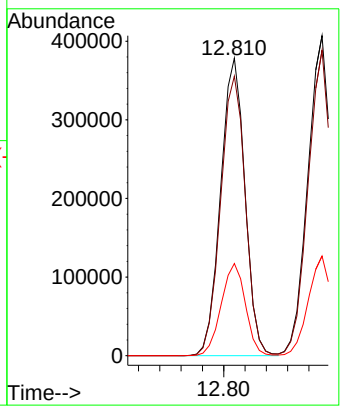


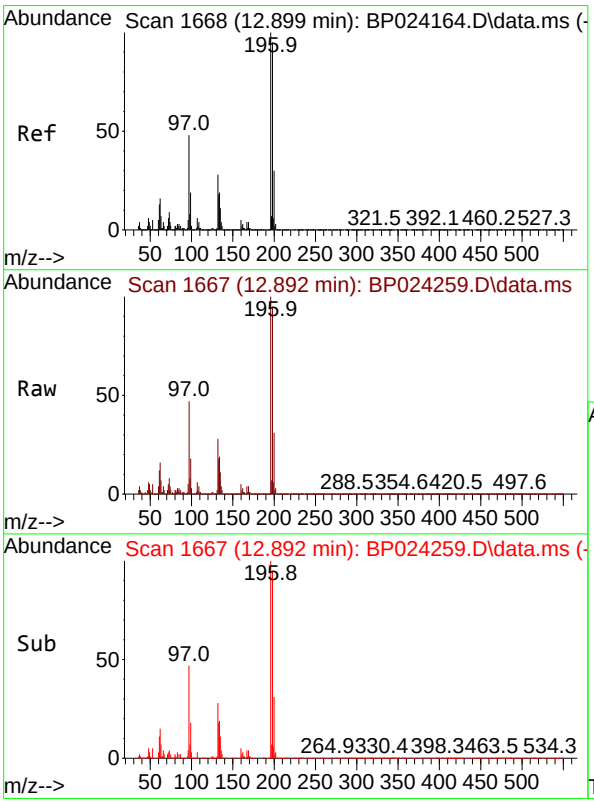
#43
2,4,6-Trichlorophenol
Concen: 43.220 ng
RT: 12.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 599436

Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.6	115.0
200	31.0	25.4	38.0

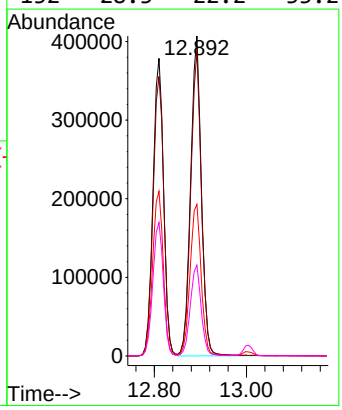


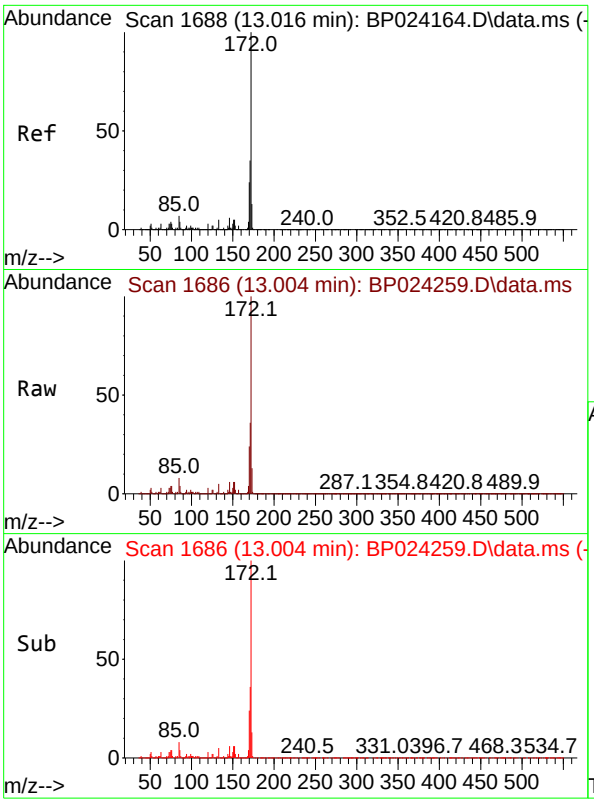


#44
2,4,5-Trichlorophenol
Concen: 43.236 ng
RT: 12.892 min Scan# 1667
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:196 Resp: 657619

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.5	114.7
97	47.4	38.7	58.1
132	28.3	22.2	33.2



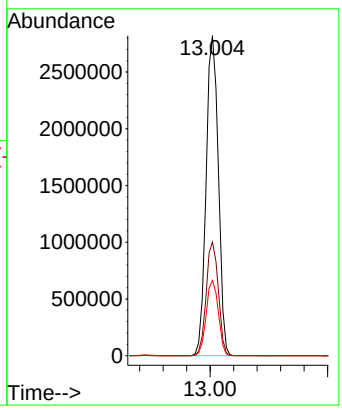


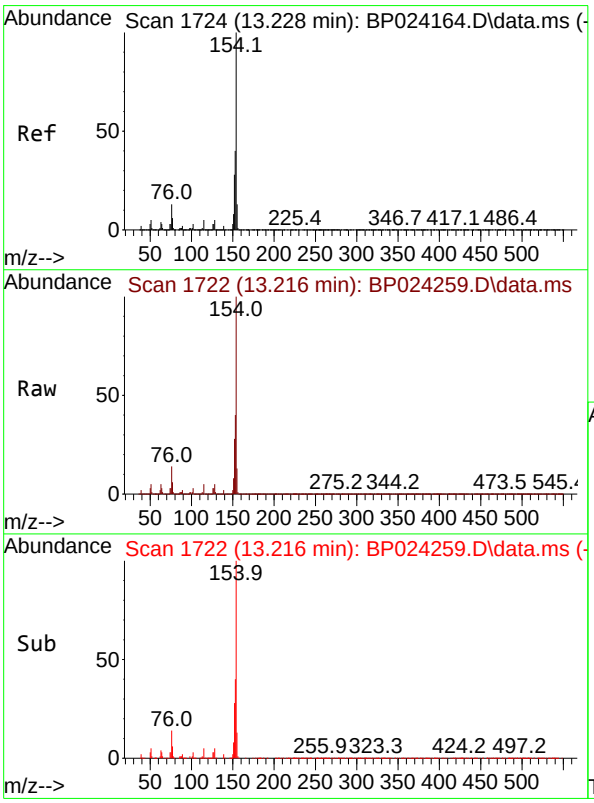
#45
2-Fluorobiphenyl
Concen: 79.486 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 4069689

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.6	19.0	28.4

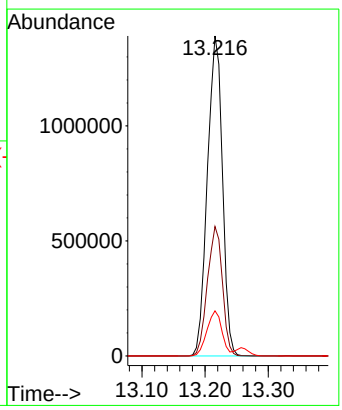


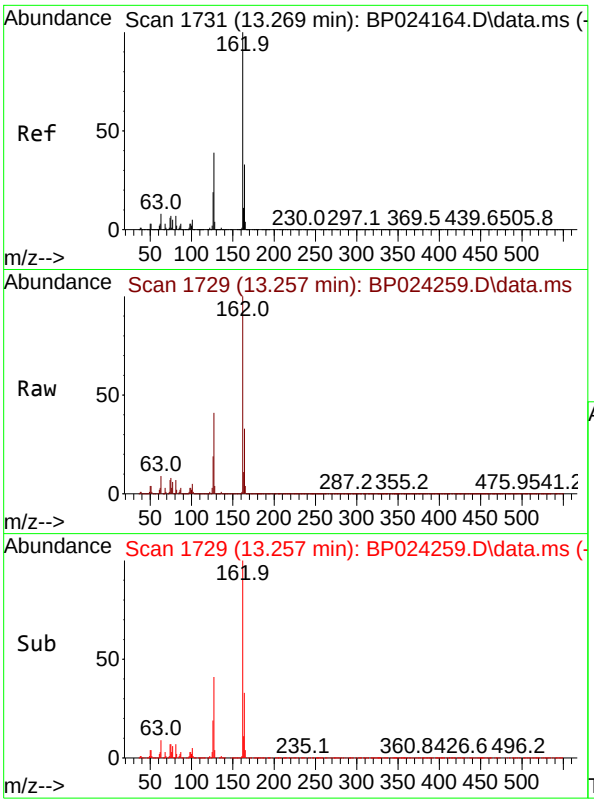


#46
1,1'-Biphenyl
Concen: 40.542 ng
RT: 13.216 min Scan# 1722
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:154 Resp: 2300015

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	14.1	0.0	32.9



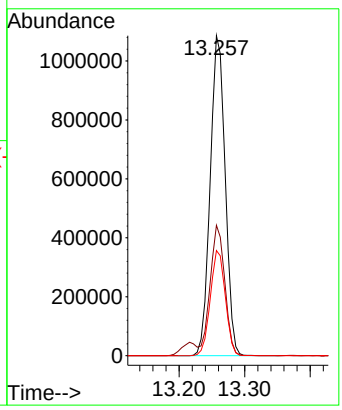


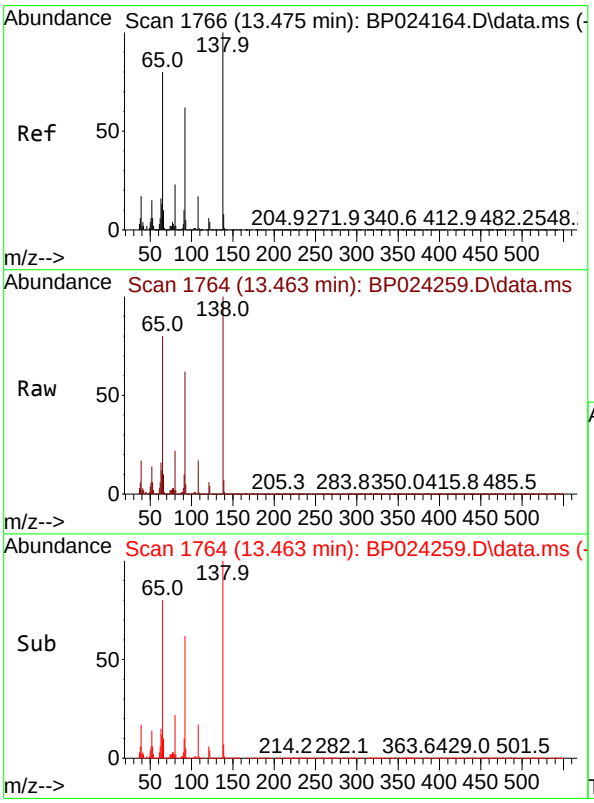
#47
2-Chloronaphthalene
Concen: 40.465 ng
RT: 13.257 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1726724

Ion	Ratio	Lower	Upper
162	100		
127	40.8	31.5	47.3
164	32.9	26.6	39.8

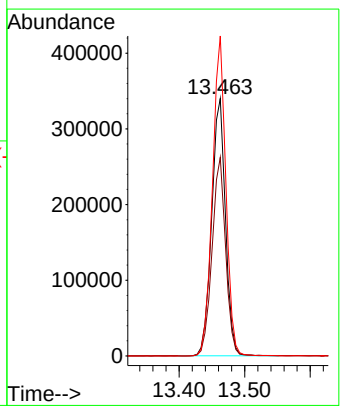


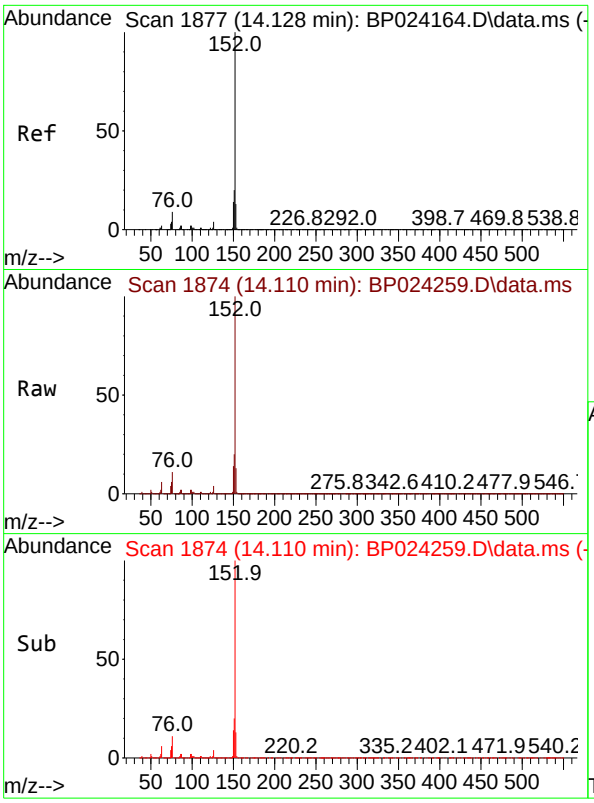


#48
2-Nitroaniline
Concen: 45.527 ng
RT: 13.463 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion: 65 Resp: 496898

Ion	Ratio	Lower	Upper
65	100		
92	77.1	62.1	93.1
138	124.3	99.5	149.3



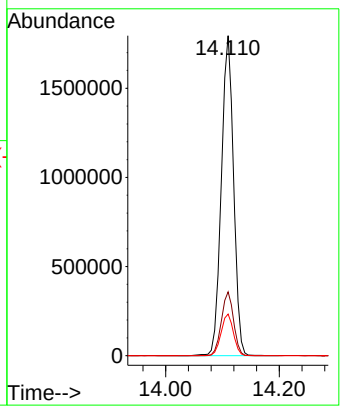


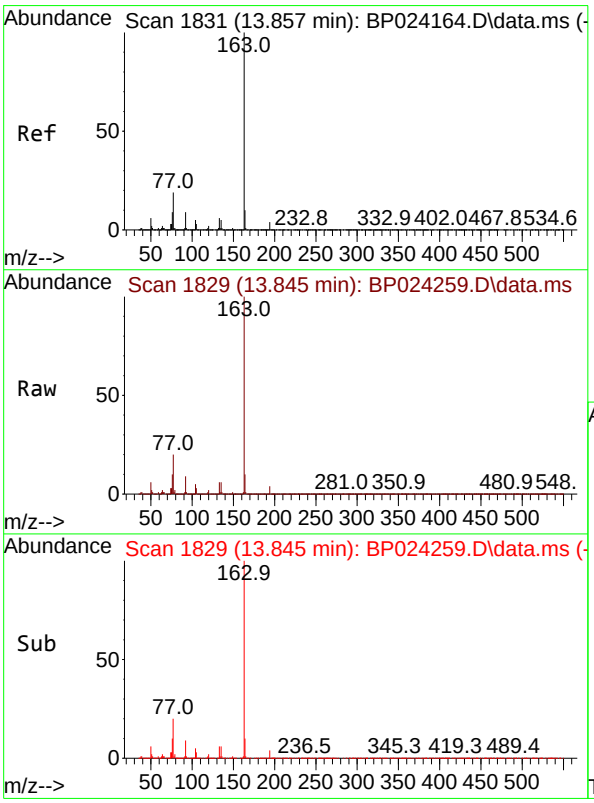
#49
Acenaphthylene
Concen: 41.760 ng
RT: 14.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2696370

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.0	10.6	15.8

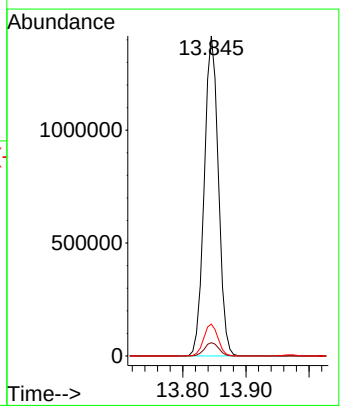


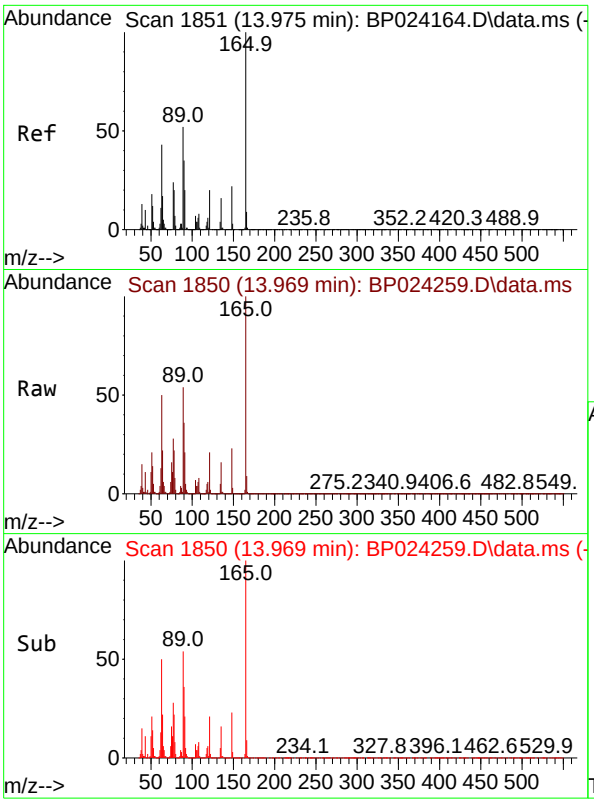


#50
Dimethylphthalate
Concen: 41.667 ng
RT: 13.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:163 Resp: 2201075

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	8.2	12.4



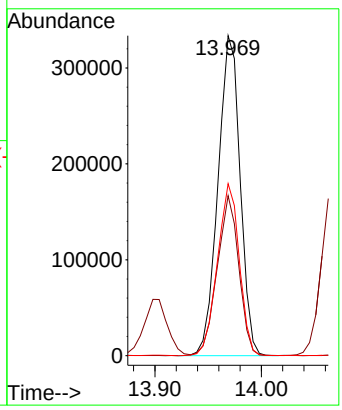


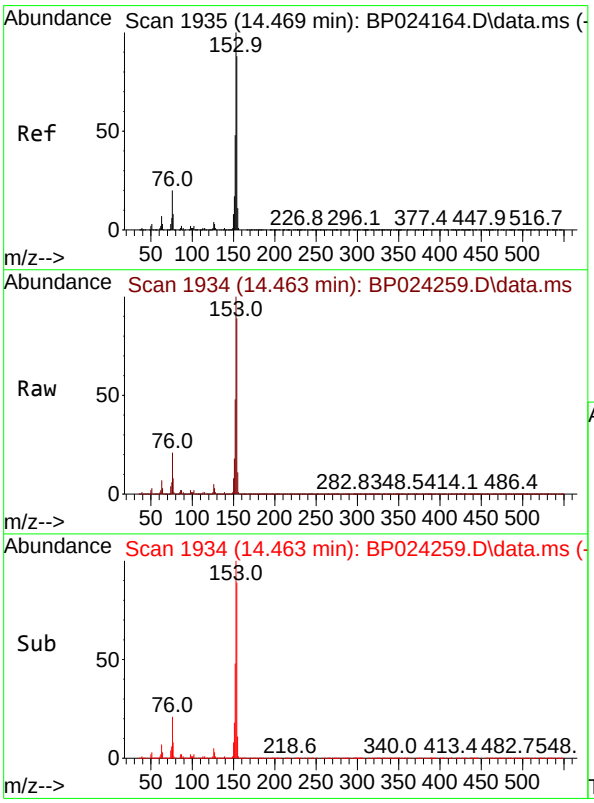
#51
2,6-Dinitrotoluene
Concen: 43.255 ng
RT: 13.969 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 480773

Ion	Ratio	Lower	Upper
165	100		
63	50.0	37.7	56.5
89	53.8	41.9	62.9

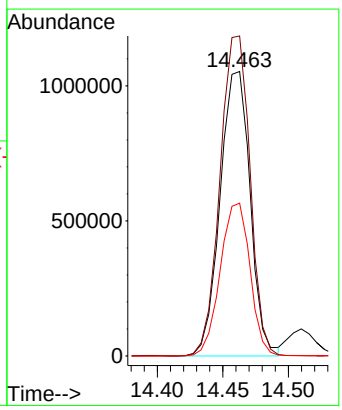


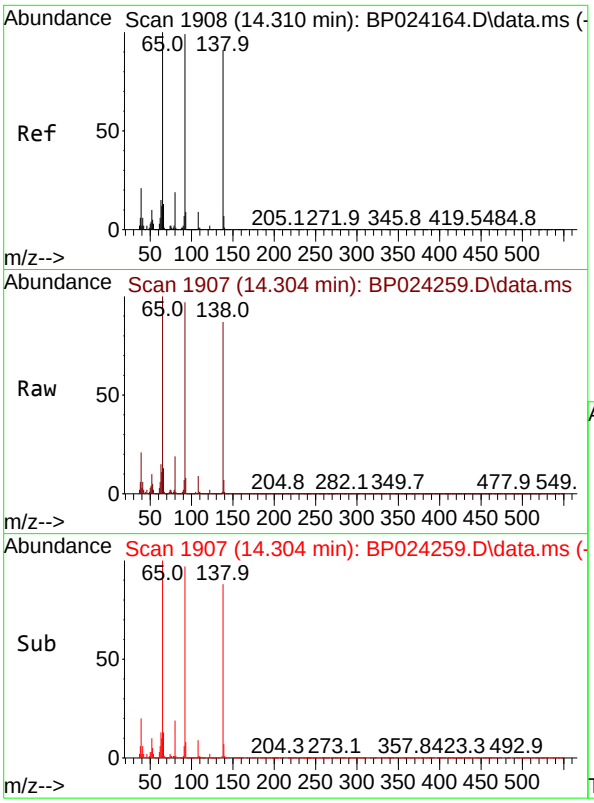


#52
Acenaphthene
Concen: 40.781 ng
RT: 14.463 min Scan# 1934
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:154 Resp: 1682367

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.5	135.7
152	53.7	43.1	64.7



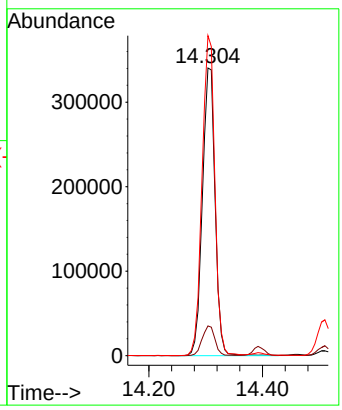


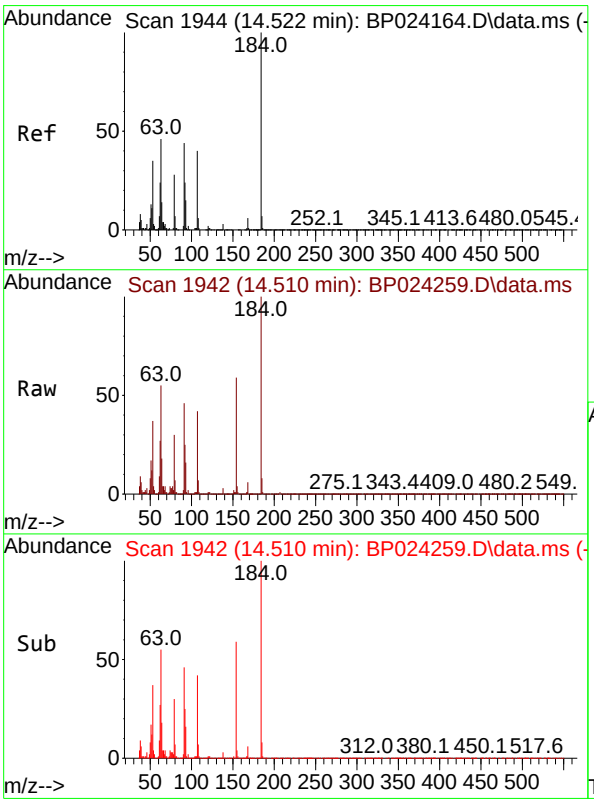
#53
3-Nitroaniline
Concen: 43.848 ng
RT: 14.304 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 526381

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.2
92	111.2	86.7	130.1

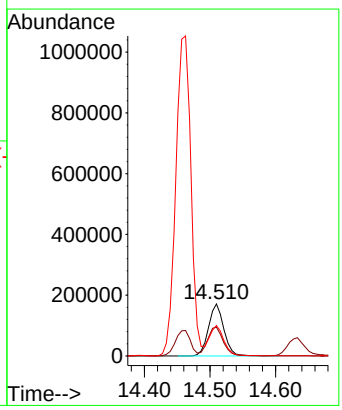


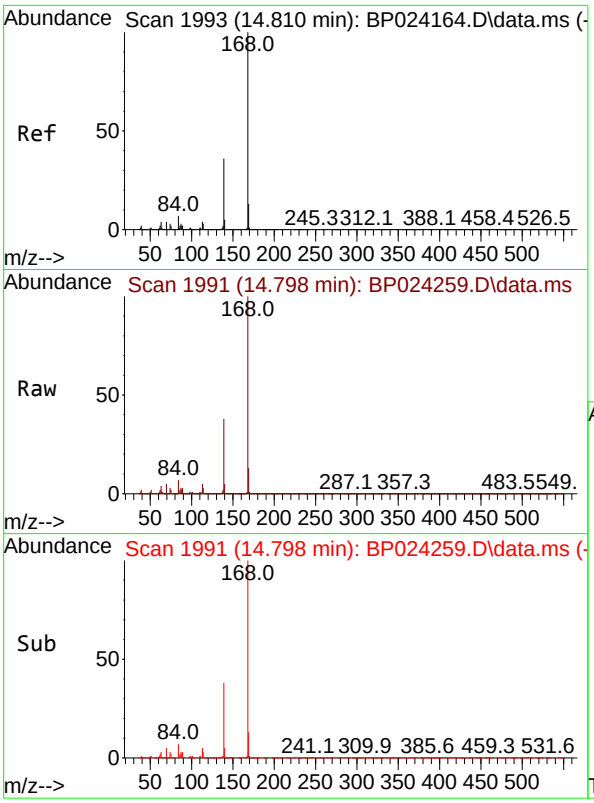


#54
2,4-Dinitrophenol
Concen: 47.115 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:184 Resp: 277095

Ion	Ratio	Lower	Upper
184	100		
63	55.4	42.1	63.1
154	58.5	44.6	67.0



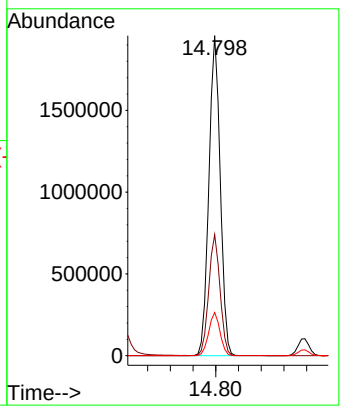


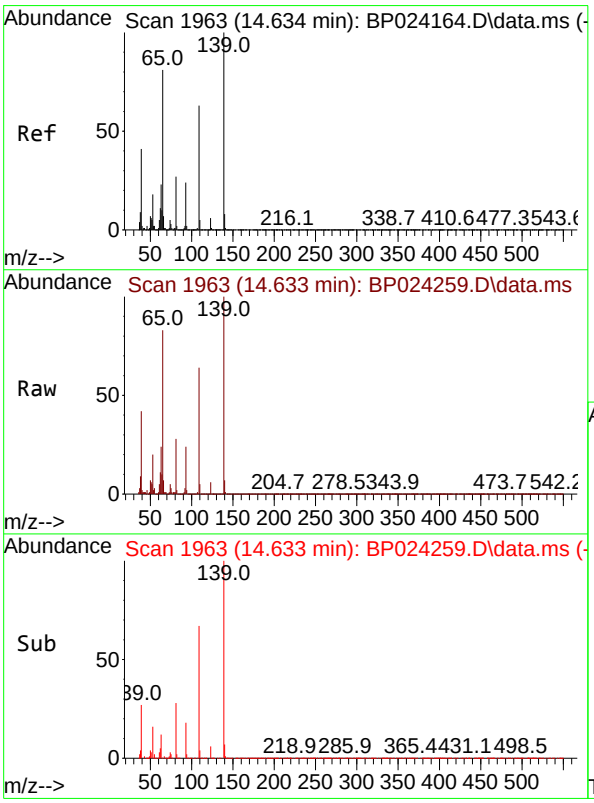
#55
Dibenzofuran
Concen: 40.350 ng
RT: 14.798 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2696334

Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.1	43.7
169	13.5	10.8	16.2

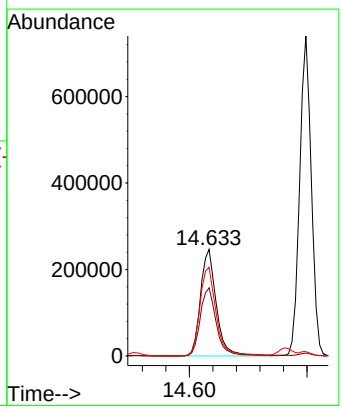


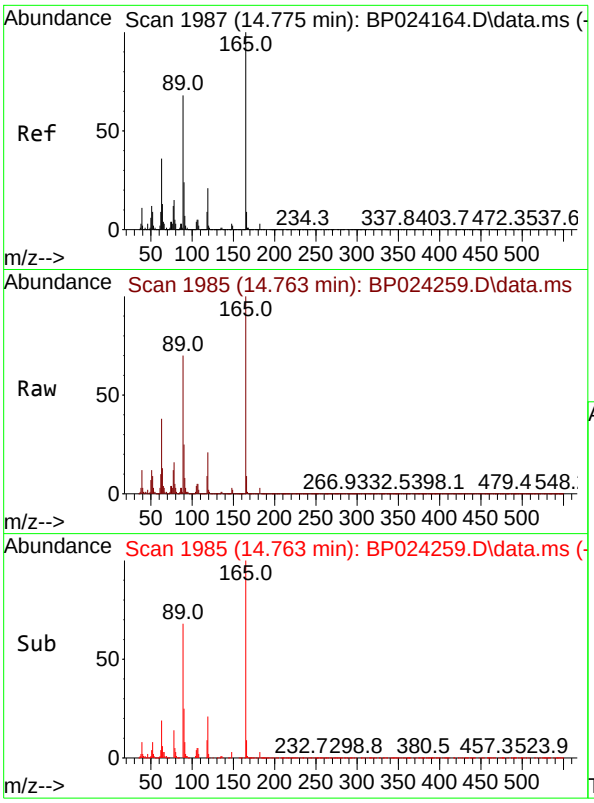


#56
4-Nitrophenol
Concen: 45.756 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:139 Resp: 458976

Ion	Ratio	Lower	Upper
139	100		
109	64.1	43.3	83.3
65	83.2	61.2	101.2



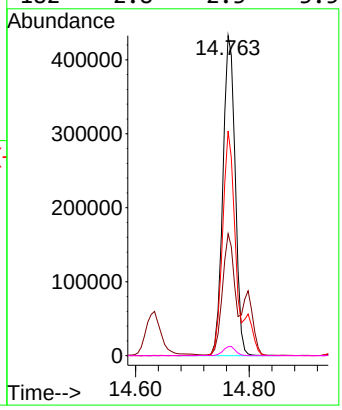


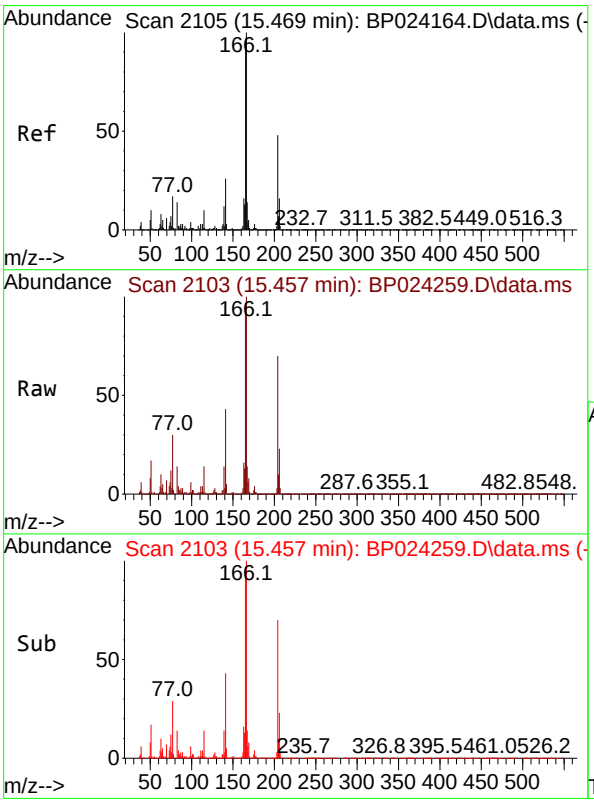
#57
2,4-Dinitrotoluene
Concen: 44.371 ng
RT: 14.763 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 651438

Ion	Ratio	Lower	Upper
165	100		
63	38.1	29.0	43.6
89	70.2	54.2	81.4
182	2.8	2.3	3.5

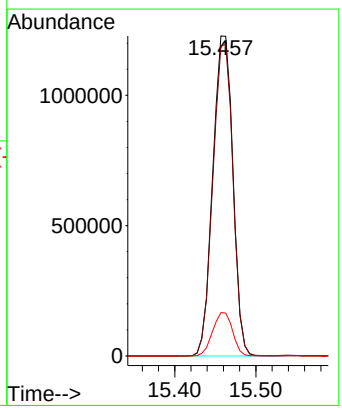


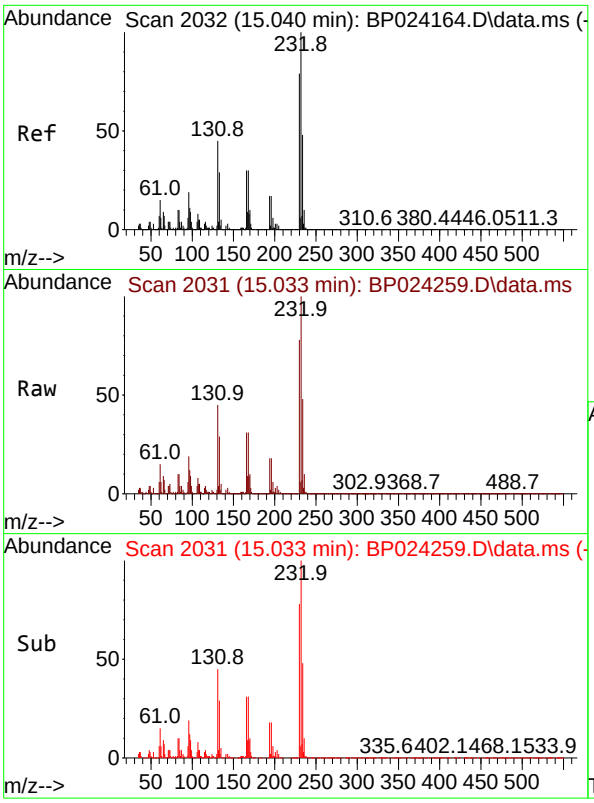


#58
Fluorene
Concen: 40.700 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:166 Resp: 2119056

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.6	116.4
167	13.6	10.8	16.2



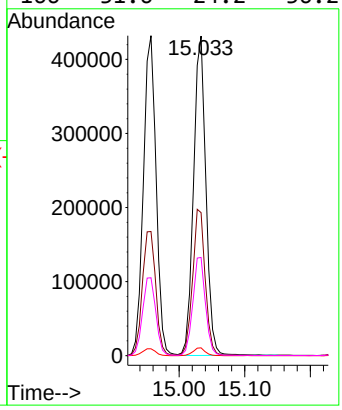


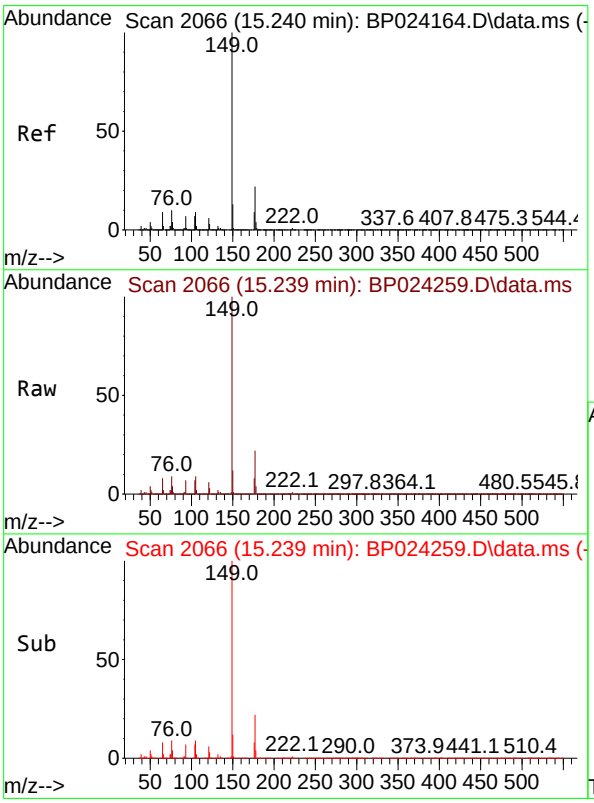
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.129 ng
RT: 15.033 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 566136

Ion	Ratio	Lower	Upper
232	100		
131	46.7	35.9	53.9
130	2.4	1.8	2.6
166	31.6	24.2	36.2

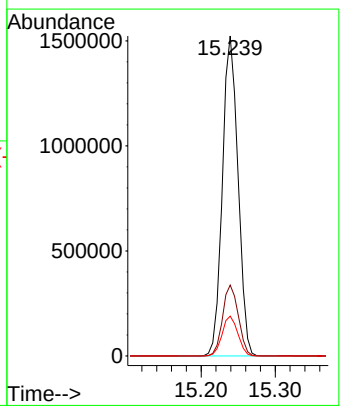


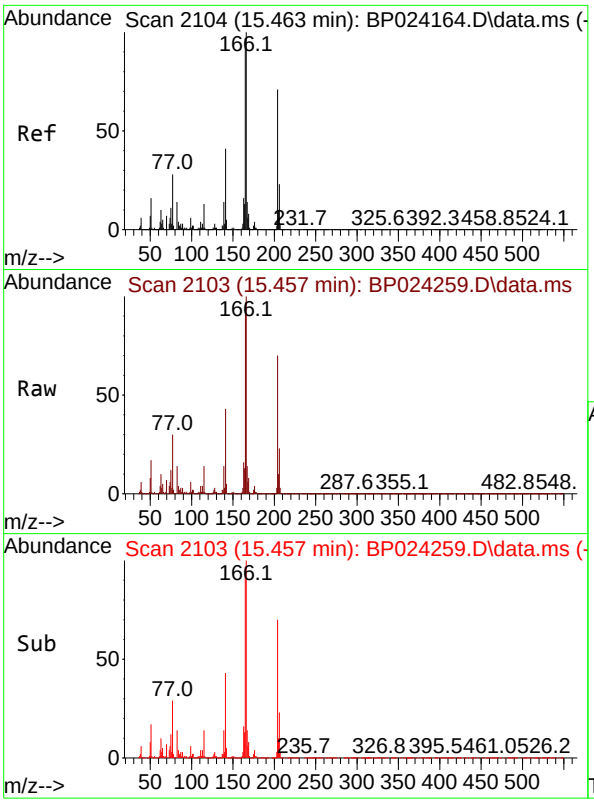


#60
Diethylphthalate
Concen: 42.381 ng
RT: 15.239 min Scan# 2066
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:149 Resp: 2229474

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.7	26.5
150	12.4	10.2	15.4



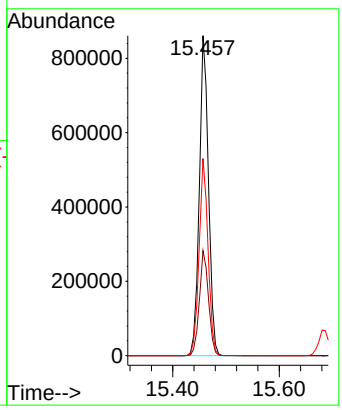


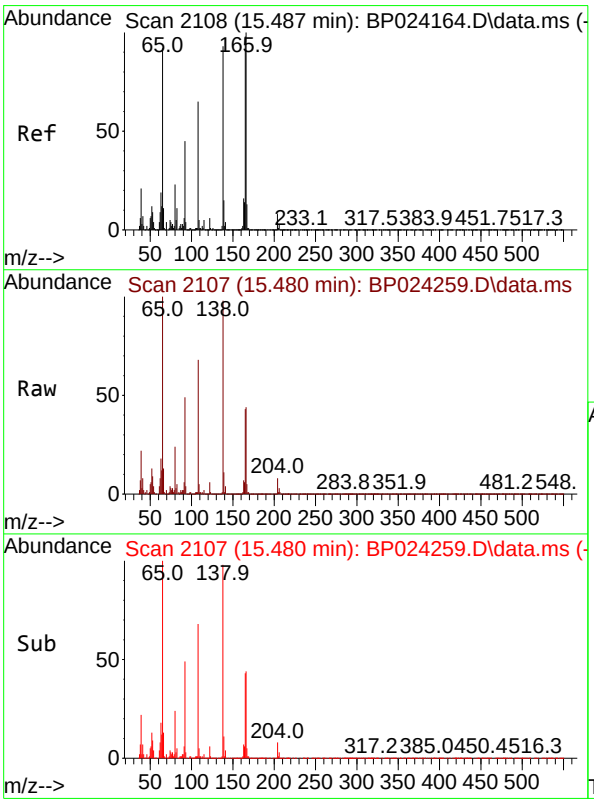
#61
4-Chlorophenyl-phenylether
Concen: 40.103 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1024091

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	61.6	45.8	68.8

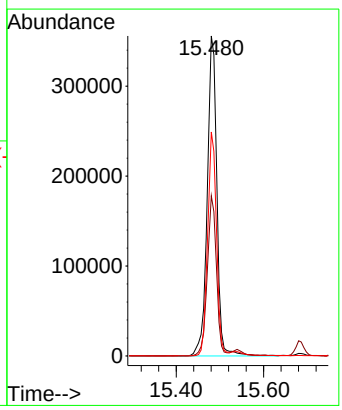


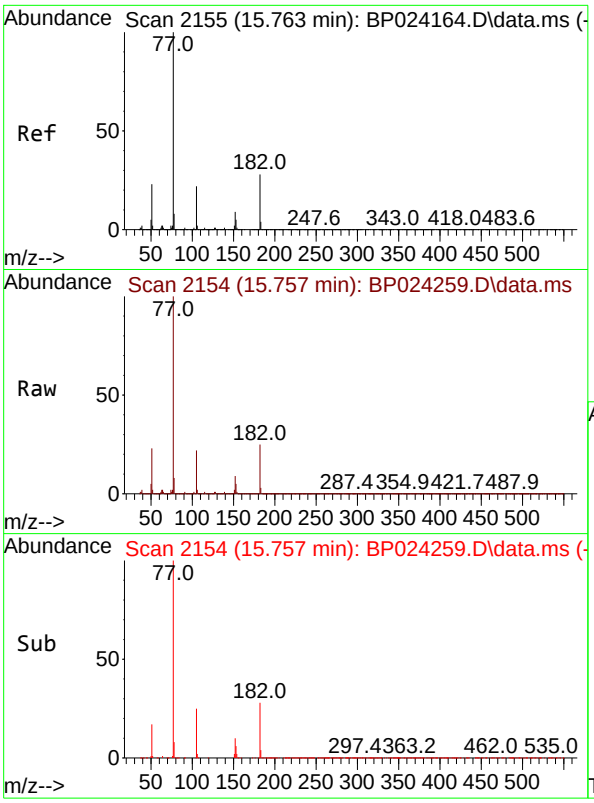


#62
4-Nitroaniline
Concen: 43.364 ng
RT: 15.480 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:138 Resp: 545990

Ion	Ratio	Lower	Upper
138	100		
92	50.0	28.7	68.7
108	70.0	49.5	89.5



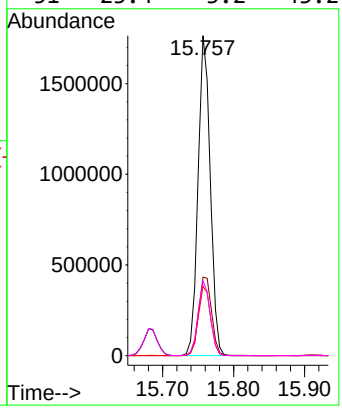


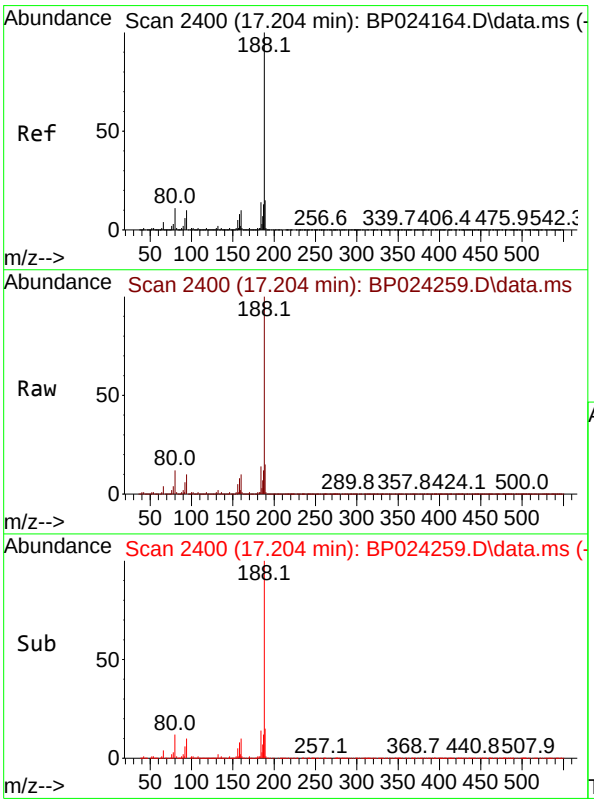
#63
Azobenzene
Concen: 42.541 ng
RT: 15.757 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2109289

Ion	Ratio	Lower	Upper
77	100		
182	24.6	7.7	47.7
105	21.7	2.3	42.3
51	23.4	3.2	43.2

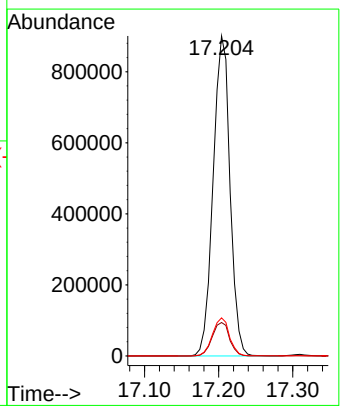


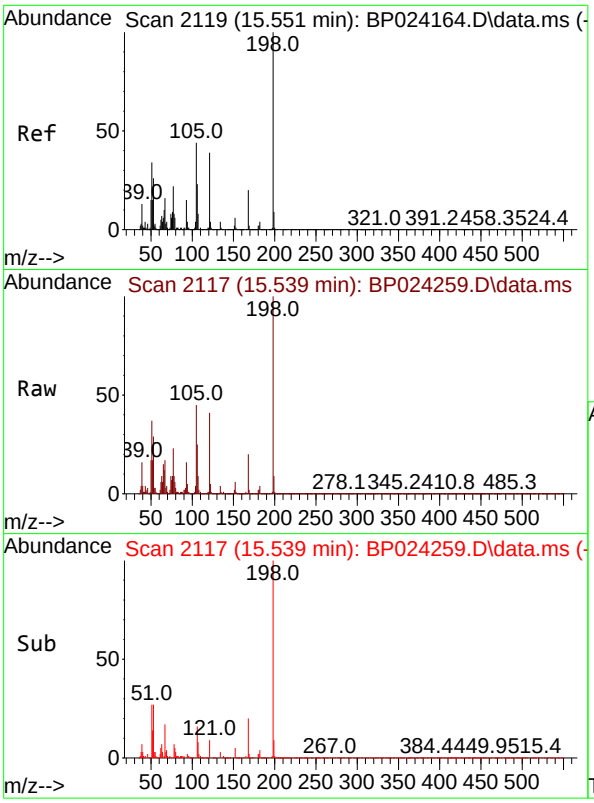


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:188 Resp: 1422444

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.9	8.9	13.3



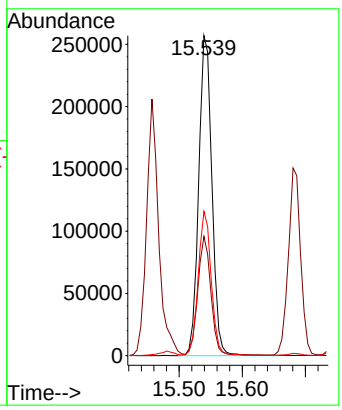


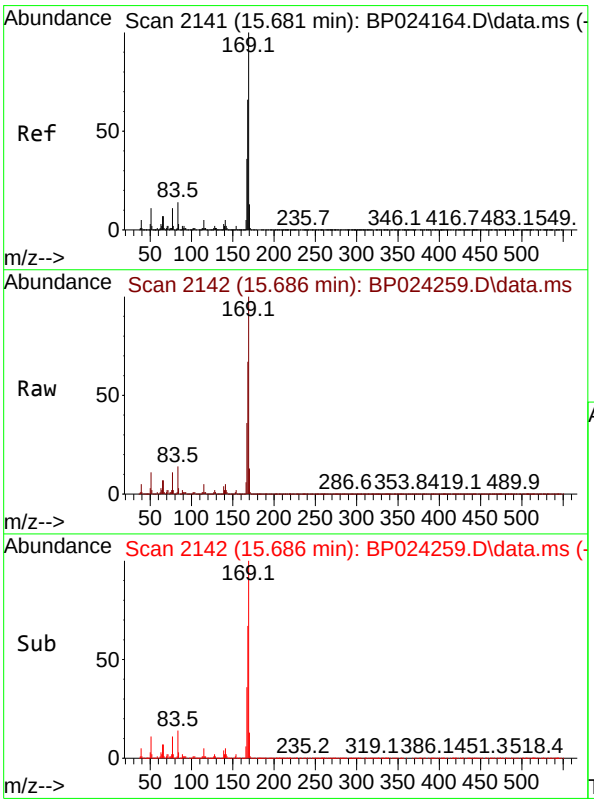
#65
4,6-Dinitro-2-methylphenol
Concen: 44.075 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 372193

Ion	Ratio	Lower	Upper
198	100		
51	37.3	14.7	54.7
105	45.1	23.8	63.8

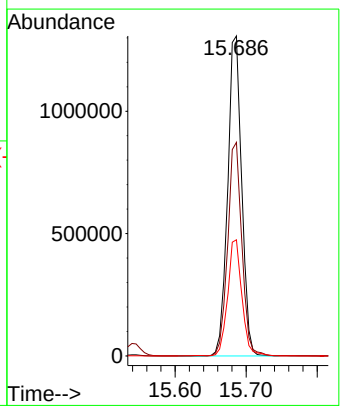


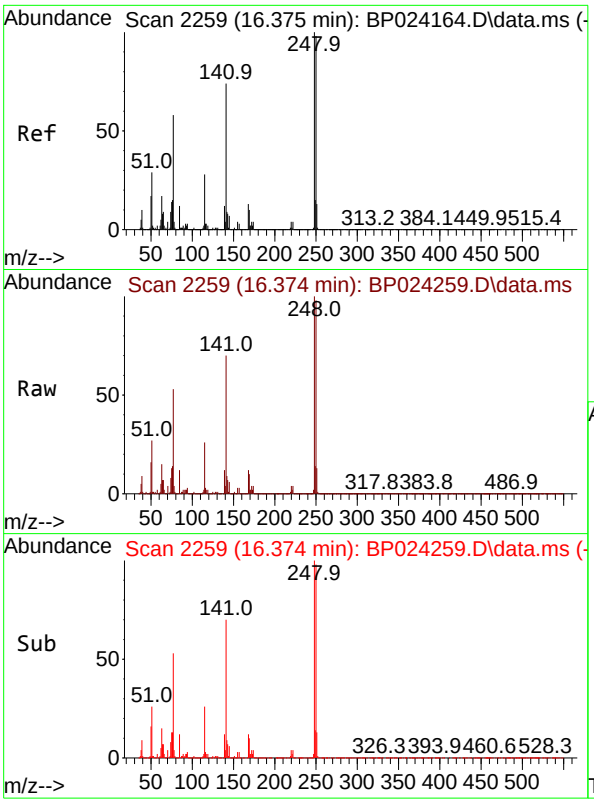


#66
n-Nitrosodiphenylamine
Concen: 41.426 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.018 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:169 Resp: 1789396

Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.9	79.3
167	36.3	28.8	43.2



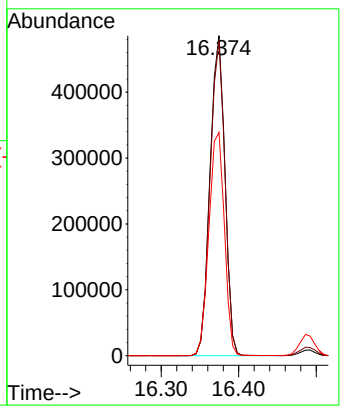


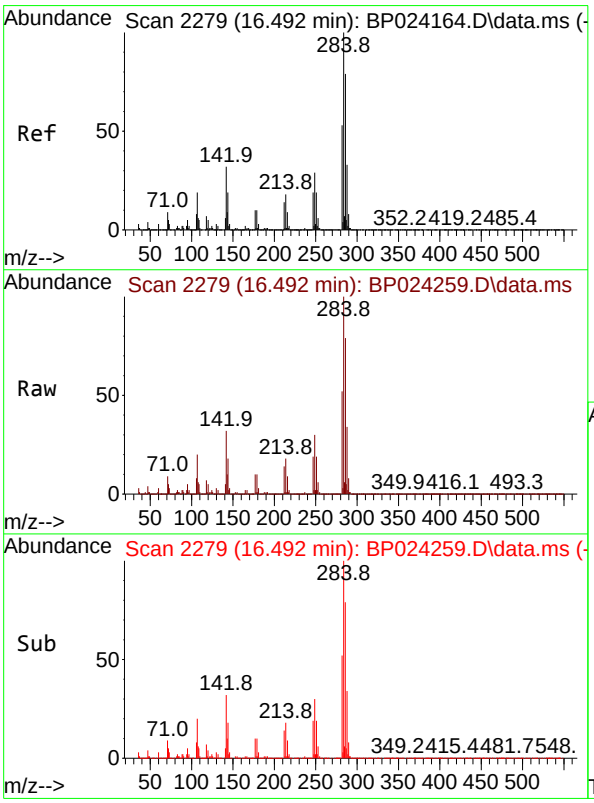
#67
4-Bromophenyl-phenylether
Concen: 41.592 ng
RT: 16.374 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 649551

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.4	117.6
141	69.8	59.4	89.0

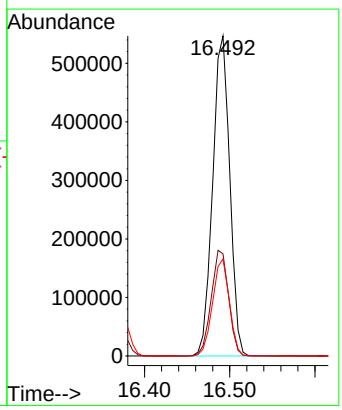


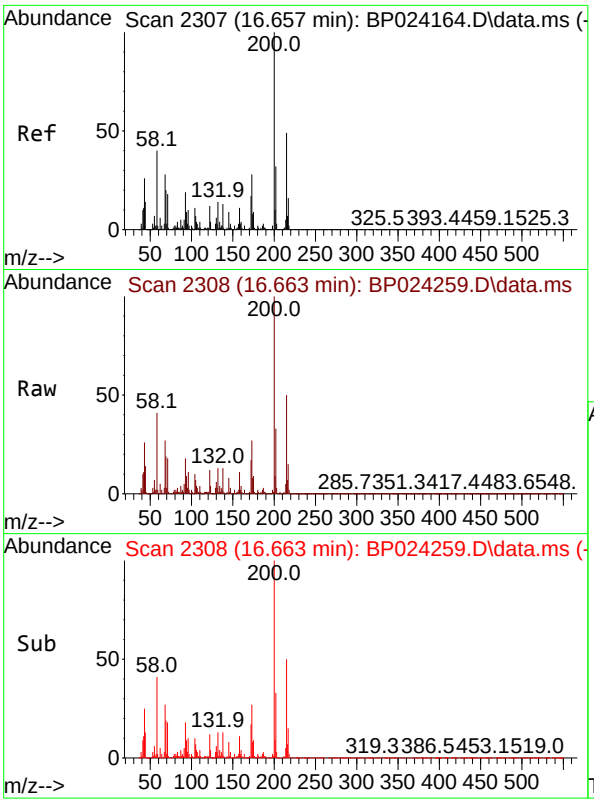


#68
Hexachlorobenzene
Concen: 41.213 ng
RT: 16.492 min Scan# 2279
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:284 Resp: 761794

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.4	38.2
249	30.3	23.5	35.3



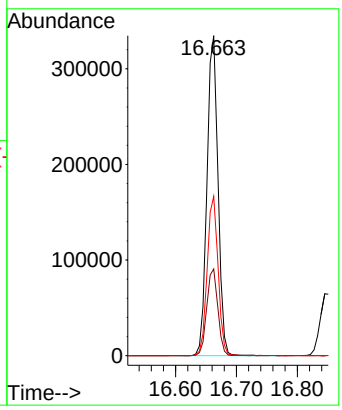


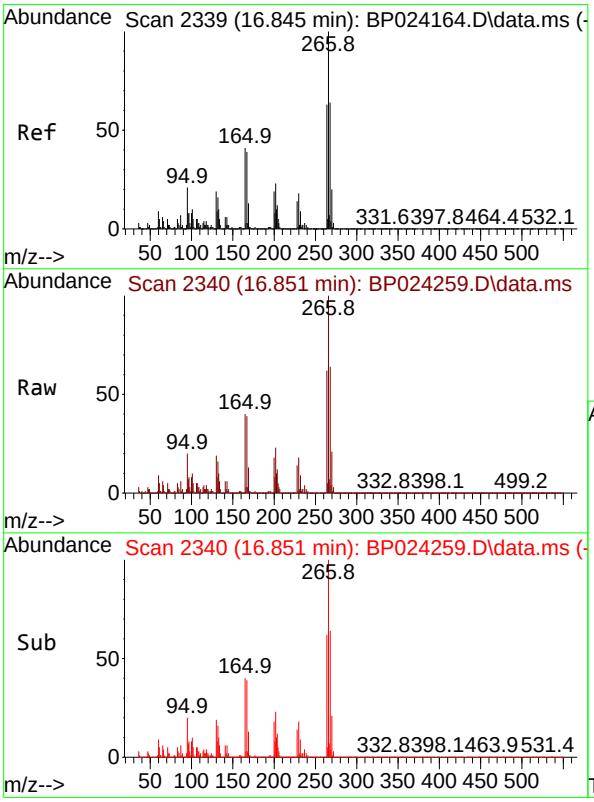
#69
Atrazine
Concen: 40.396 ng
RT: 16.663 min Scan# 2
Delta R.T. 0.023 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 421164

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.6	47.6
215	49.8	29.0	69.0

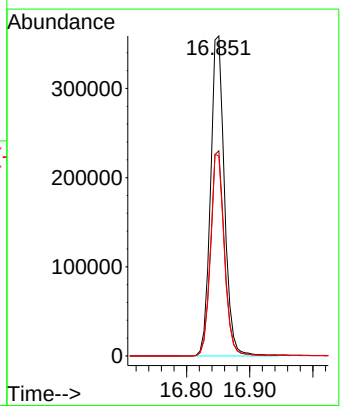


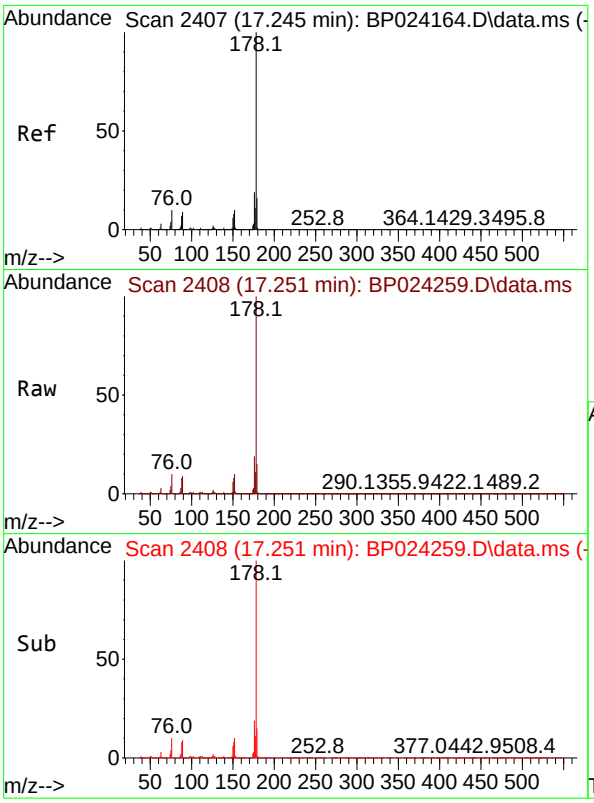


#70
Pentachlorophenol
Concen: 45.717 ng
RT: 16.851 min Scan# 2340
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:266 Resp: 546484

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	62.4	50.6	76.0



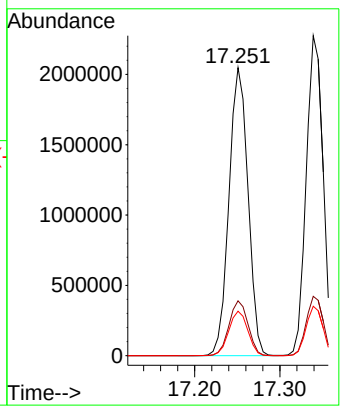


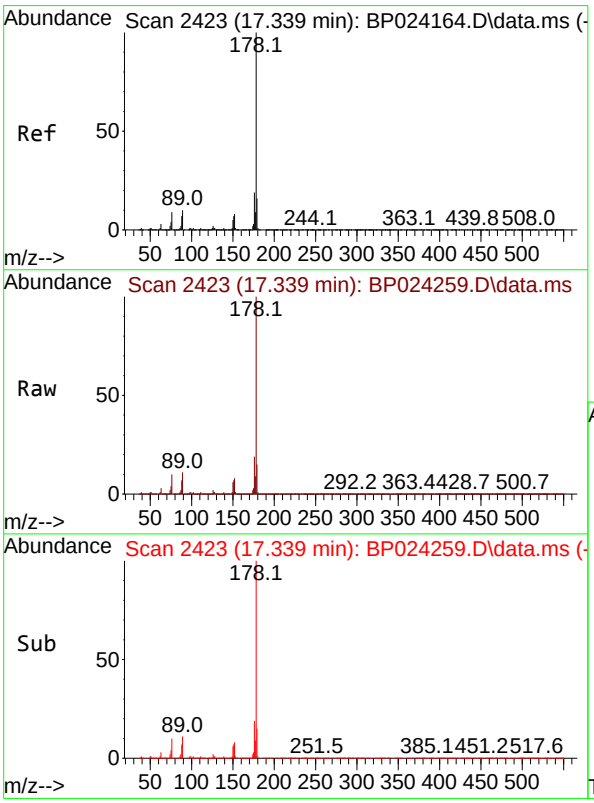
#71
Phenanthrene
Concen: 41.003 ng
RT: 17.251 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 3186211

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.5	12.5	18.7

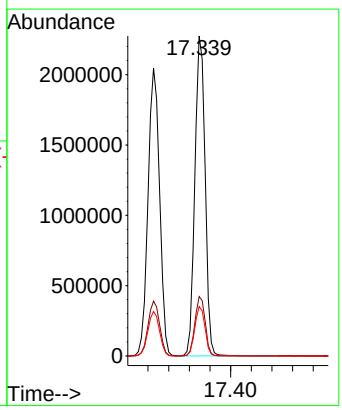


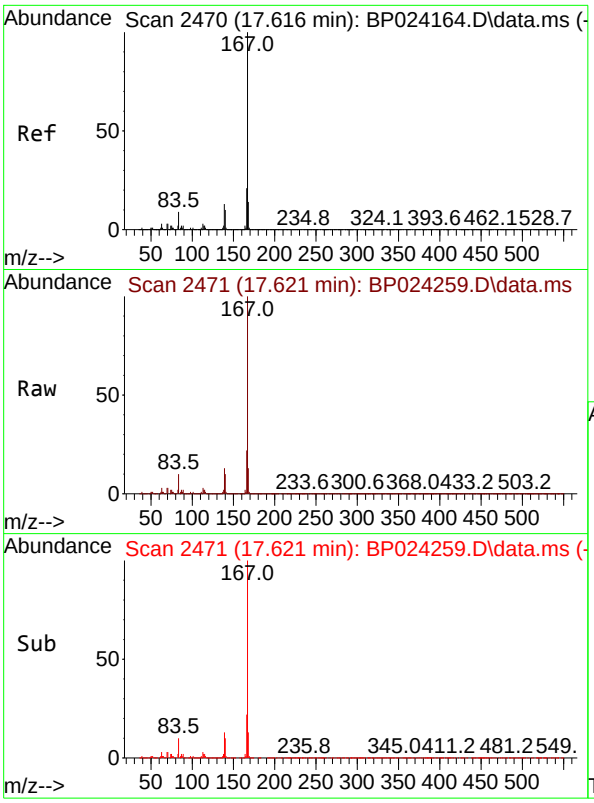


#72
Anthracene
Concen: 41.409 ng
RT: 17.339 min Scan# 2423
Delta R.T. 0.018 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:178 Resp: 3134014

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.5	12.6	18.8



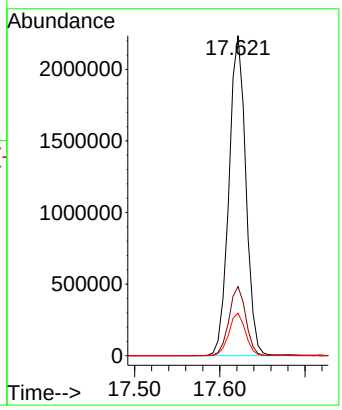


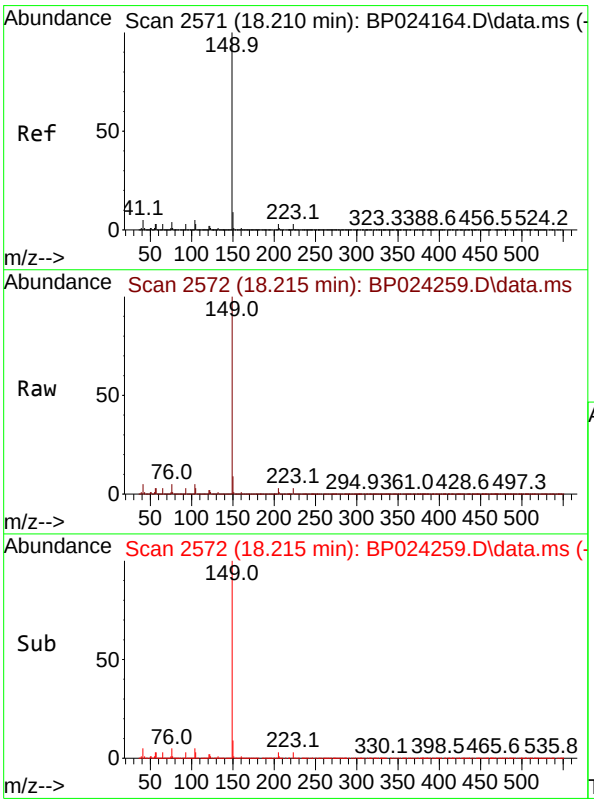
#73
Carbazole
Concen: 42.115 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 3073920

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.3	10.2	15.4

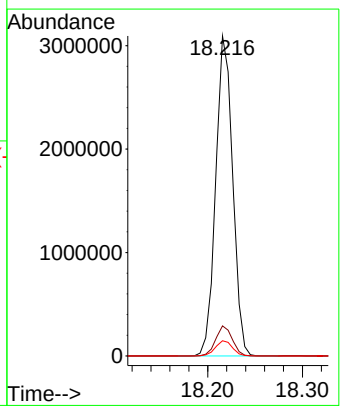


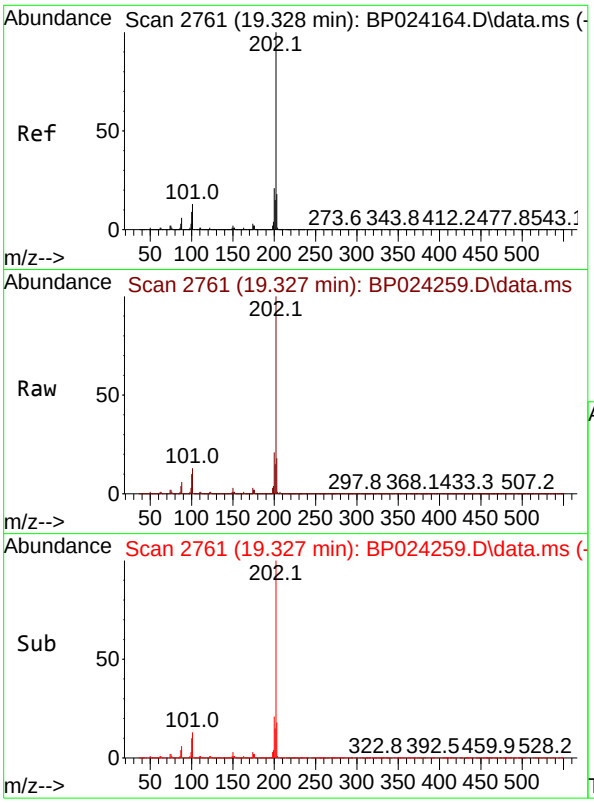


#74
Di-n-butylphthalate
Concen: 44.419 ng
RT: 18.215 min Scan# 2572
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:149 Resp: 3848693

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.8	3.9	5.9



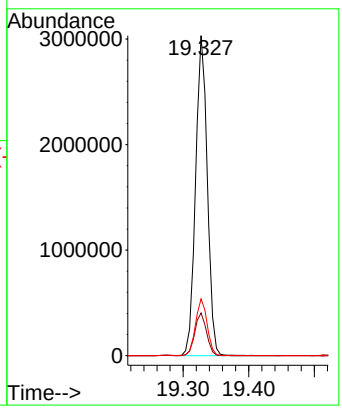


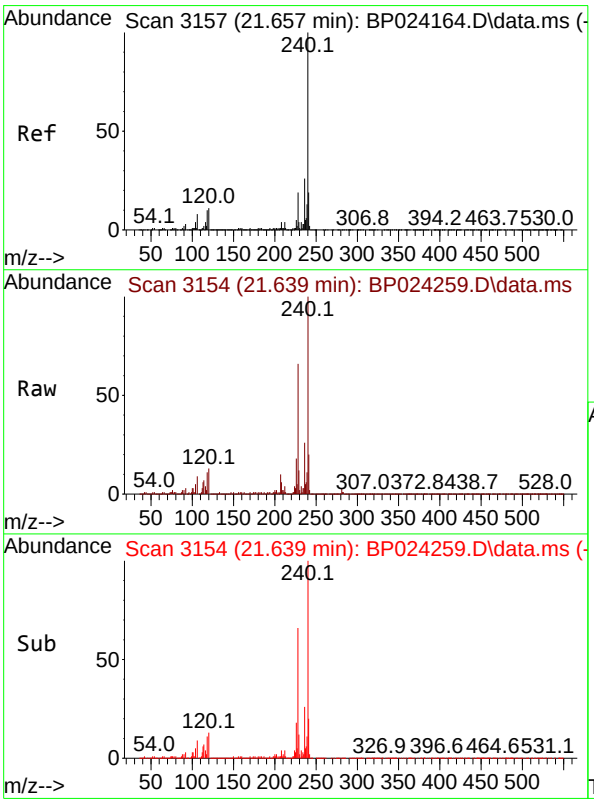
#75
Fluoranthene
Concen: 41.916 ng
RT: 19.327 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3772405

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.5
203	17.7	0.0	37.9

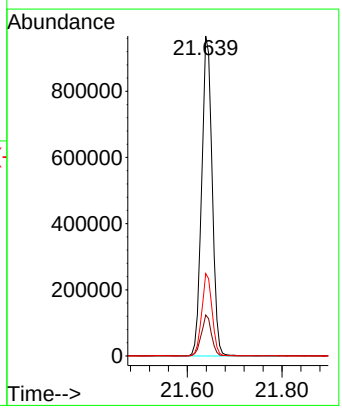


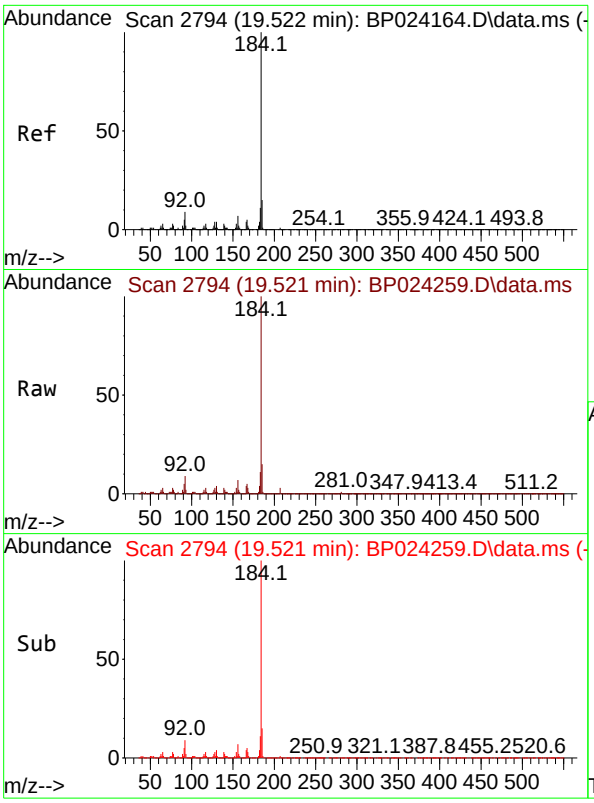


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:240 Resp: 1476882

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.2	13.8
236	25.7	20.4	30.6



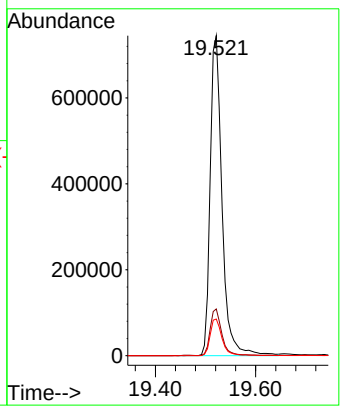


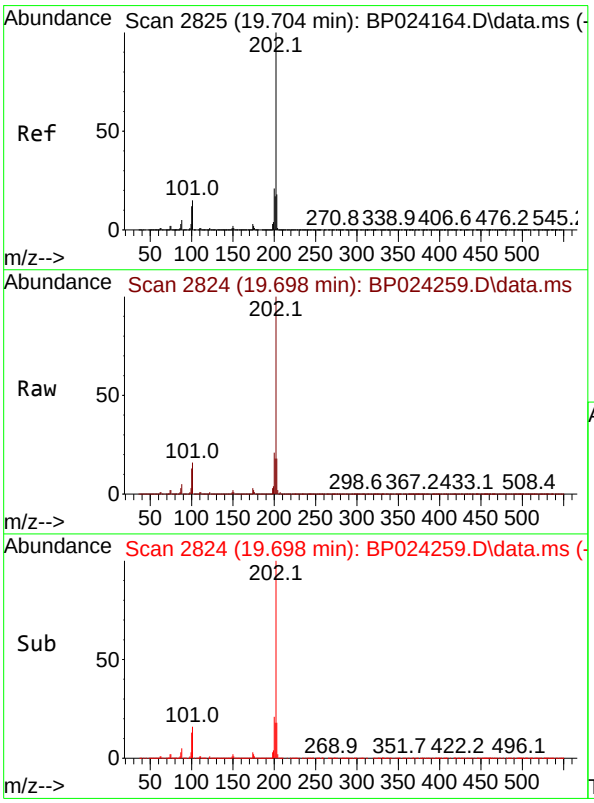
#77
Benzidine
Concen: 75.598 ng
RT: 19.521 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1220703

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	11.4	9.1	13.7

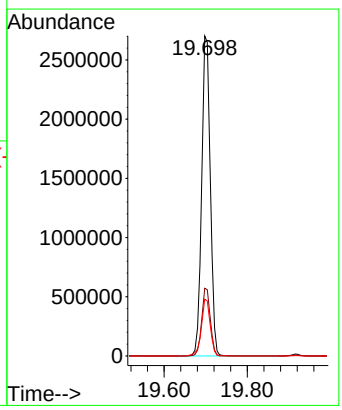


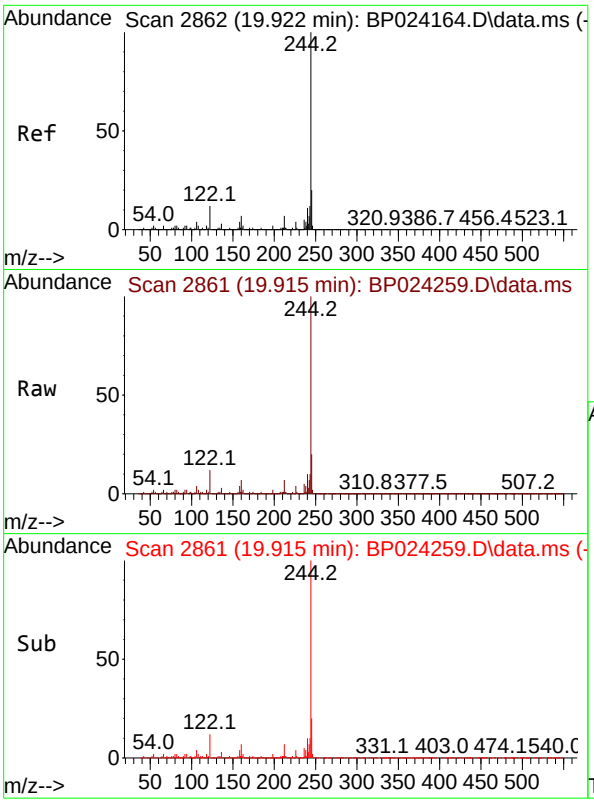


#78
Pyrene
Concen: 42.418 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:202 Resp: 3894683

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.7	14.2	21.4



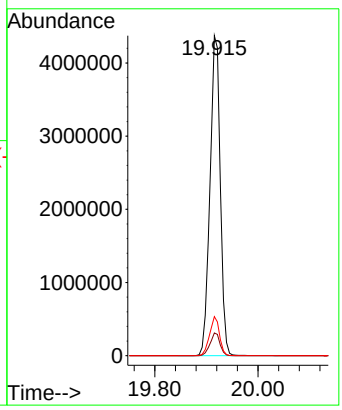


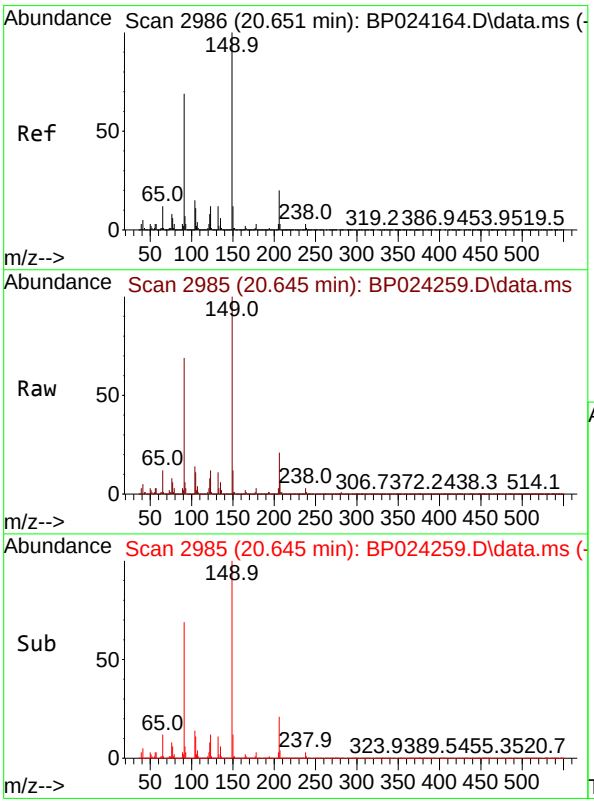
#79
Terphenyl-d14
Concen: 84.305 ng
RT: 19.915 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 6031742

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.2	9.6	14.4

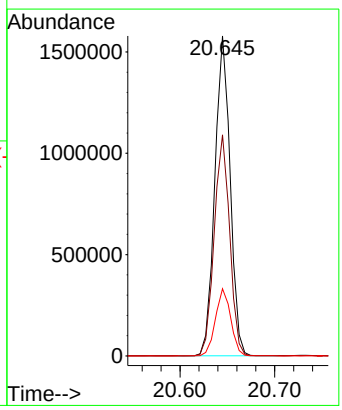


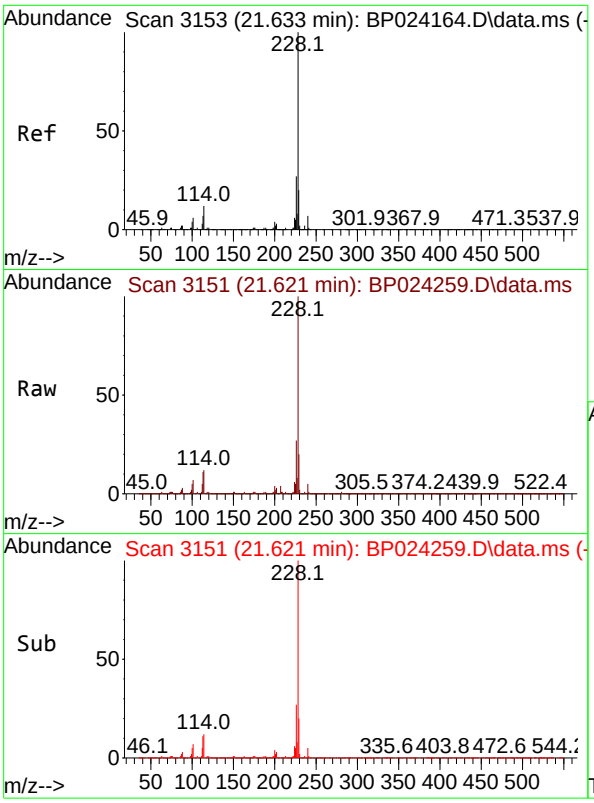


#80
Butylbenzylphthalate
Concen: 46.750 ng
RT: 20.645 min Scan# 2985
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:149 Resp: 1770125

Ion	Ratio	Lower	Upper
149	100		
91	69.1	55.3	82.9
206	21.0	16.1	24.1



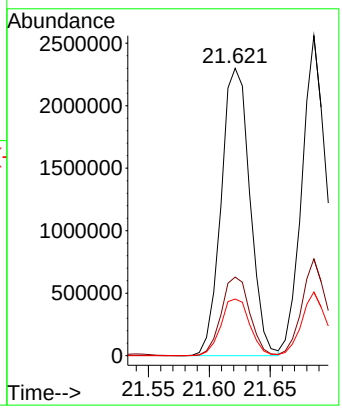


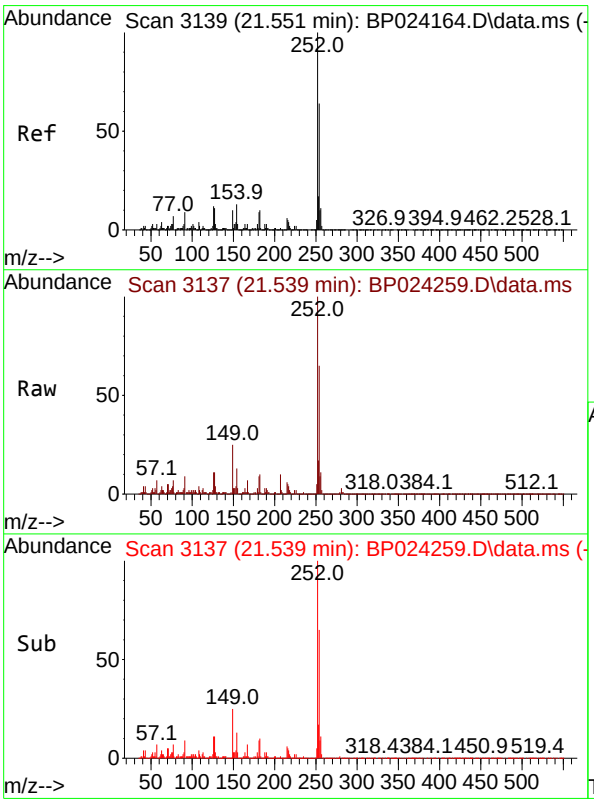
#81
Benzo(a)anthracene
Concen: 41.152 ng
RT: 21.621 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3778651

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.7	16.0	24.0

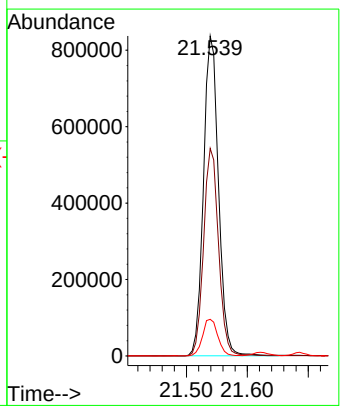


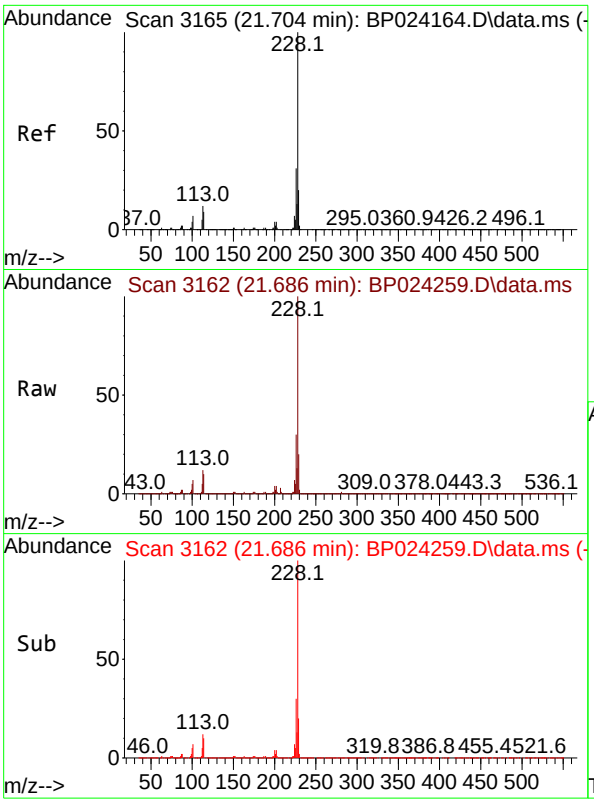


#82
3,3'-Dichlorobenzidine
Concen: 46.547 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:252 Resp: 1432446

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.4	77.2
126	11.4	9.3	13.9



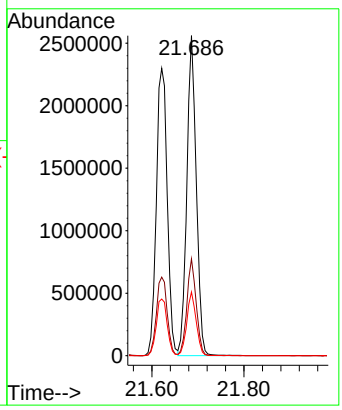


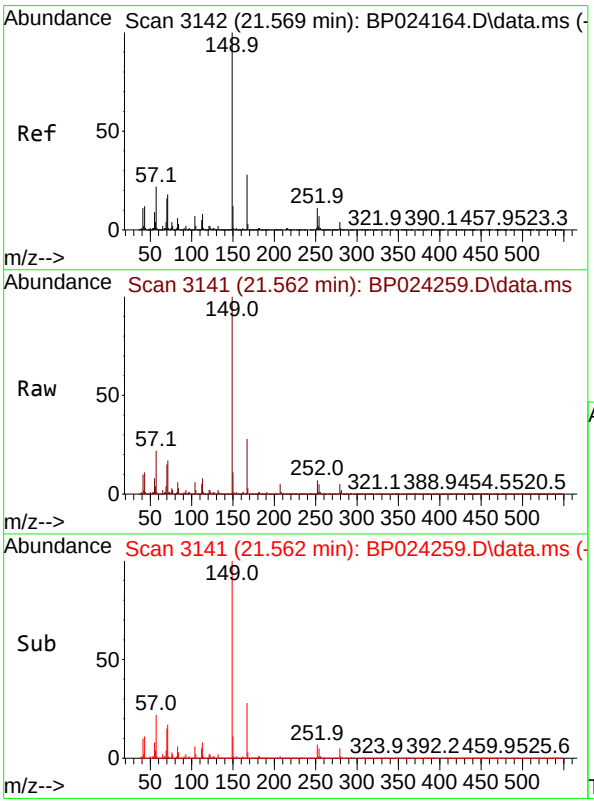
#83
Chrysene
Concen: 41.095 ng
RT: 21.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3627476

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.9	16.2	24.2

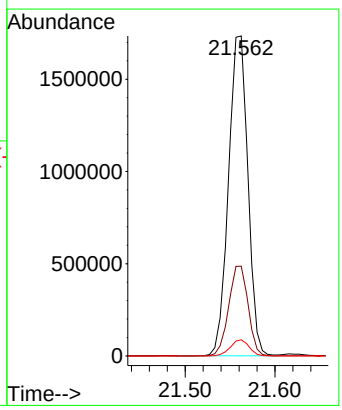


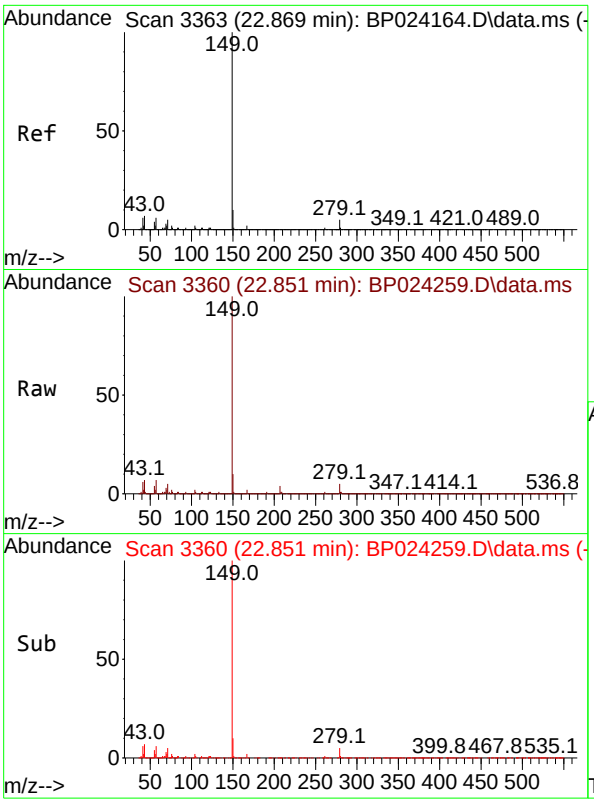


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.528 ng
RT: 21.562 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:149 Resp: 2601162

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	5.1	3.6	5.4



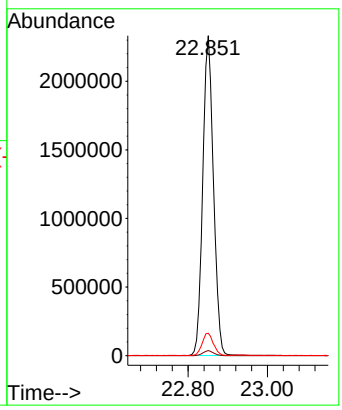


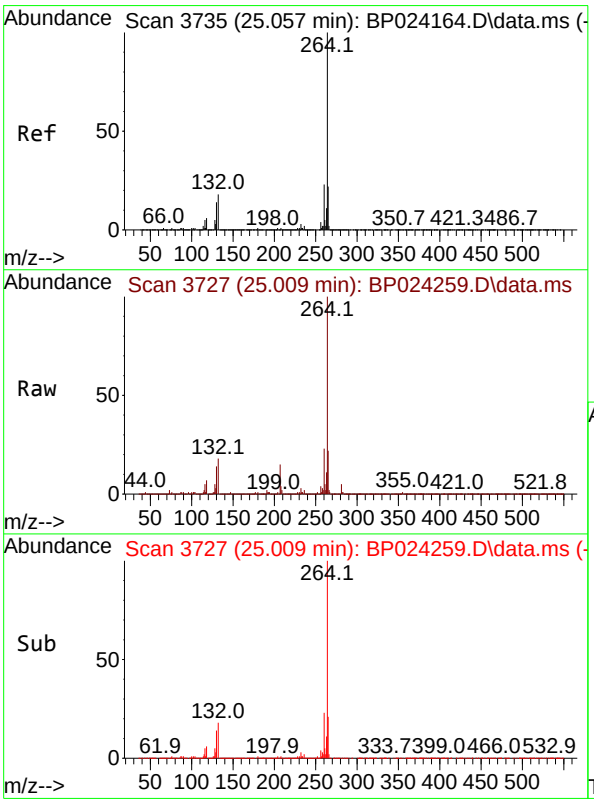
#85
Di-n-octyl phthalate
Concen: 47.734 ng
RT: 22.851 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 4369468

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.8

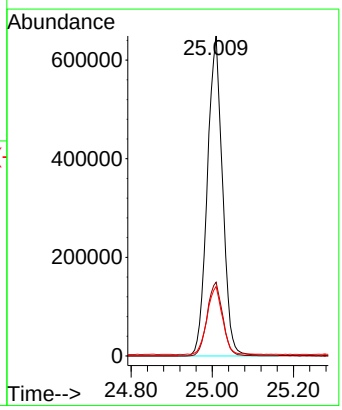


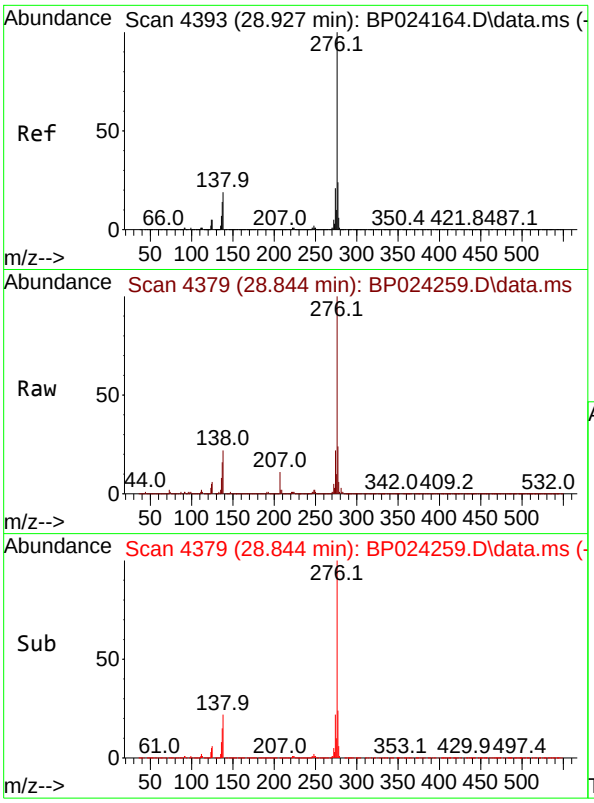


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3727
Delta R.T. -0.000 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:264 Resp: 1685517

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.7	17.7	26.5



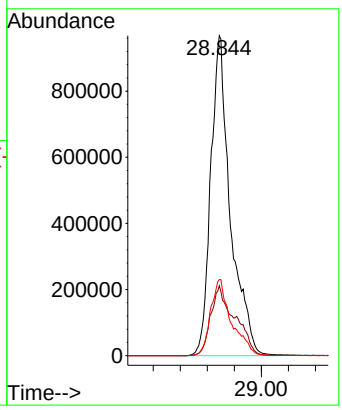


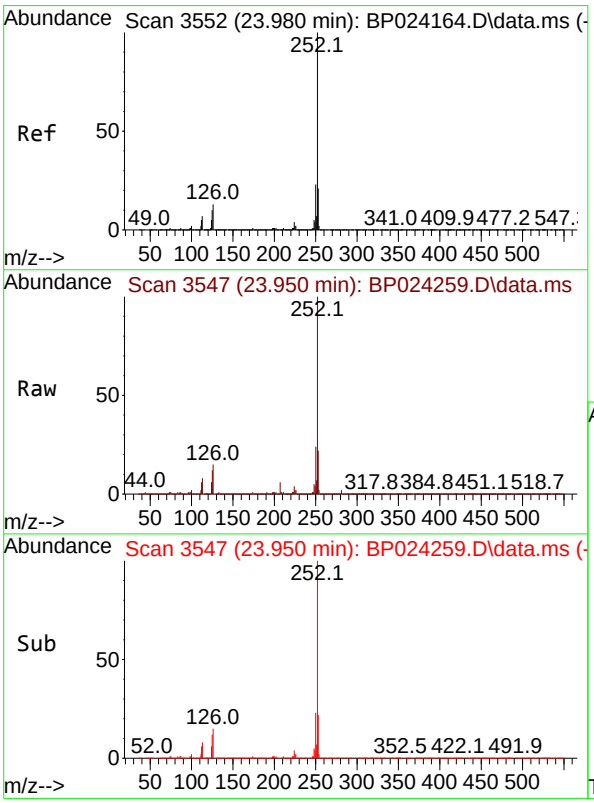
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.422 ng
RT: 28.844 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 4872753

Ion	Ratio	Lower	Upper
276	100		
138	26.8	13.7	20.5#
277	25.3	20.2	30.2

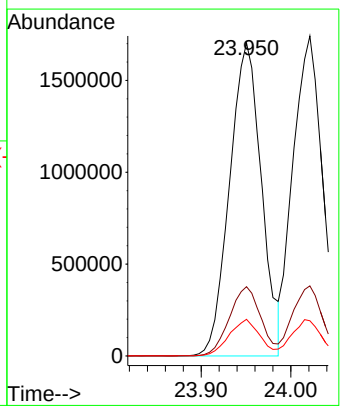


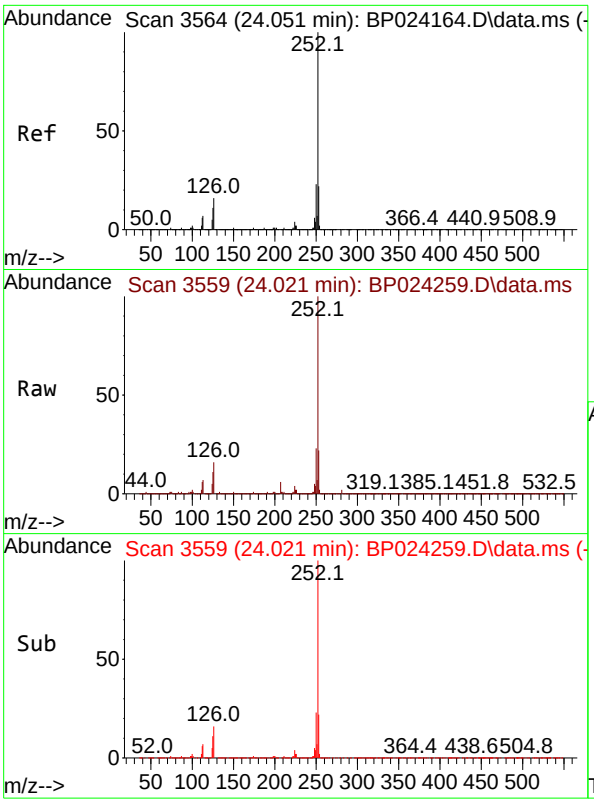


#88
Benzo(b)fluoranthene
Concen: 41.362 ng
RT: 23.950 min Scan# 3547
Delta R.T. 0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:252 Resp: 4203453

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.7	8.2	12.4



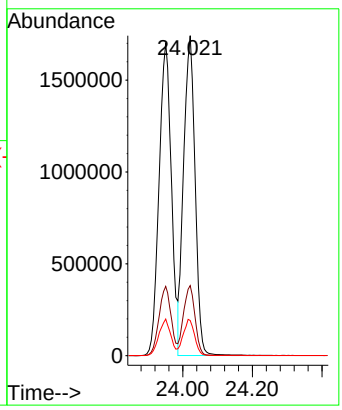


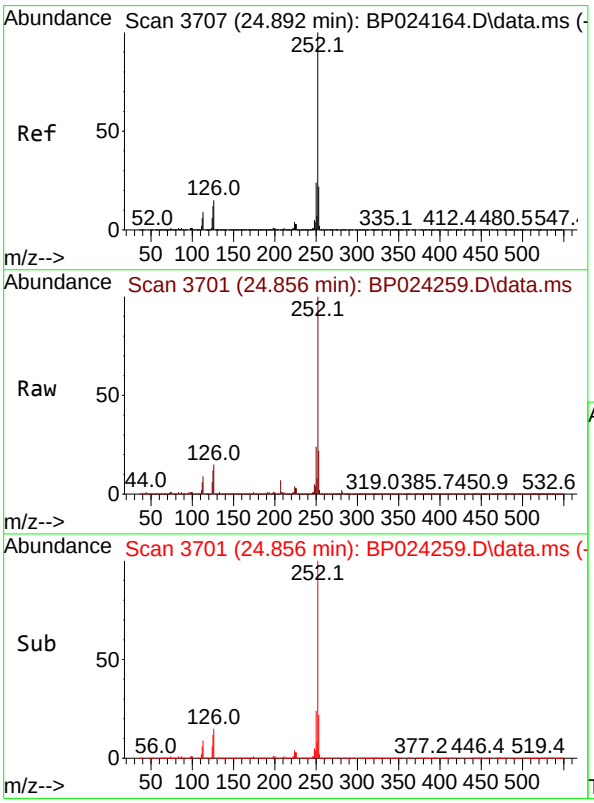
#89
Benzo(k)fluoranthene
Concen: 40.100 ng
RT: 24.021 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 3986349

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	11.0	9.1	13.7

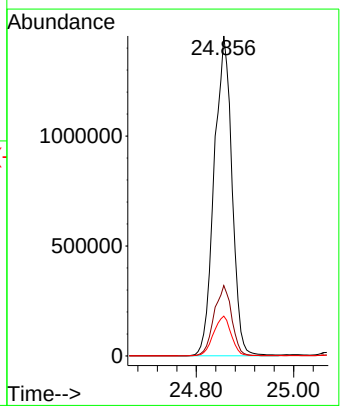


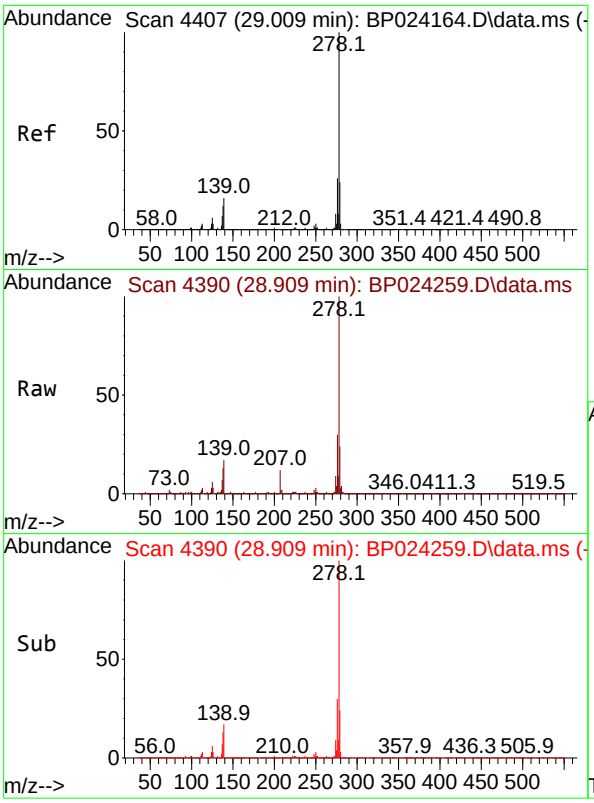


#90
Benzo(a)pyrene
Concen: 41.754 ng
RT: 24.856 min Scan# 3701
Delta R.T. 0.006 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:252 Resp: 3689826

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.5	9.6	14.4



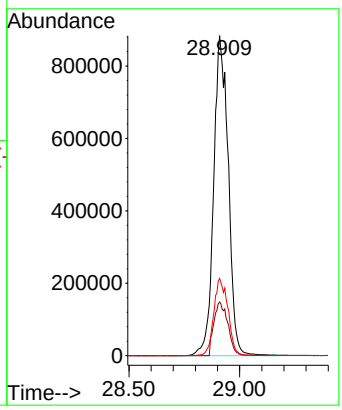


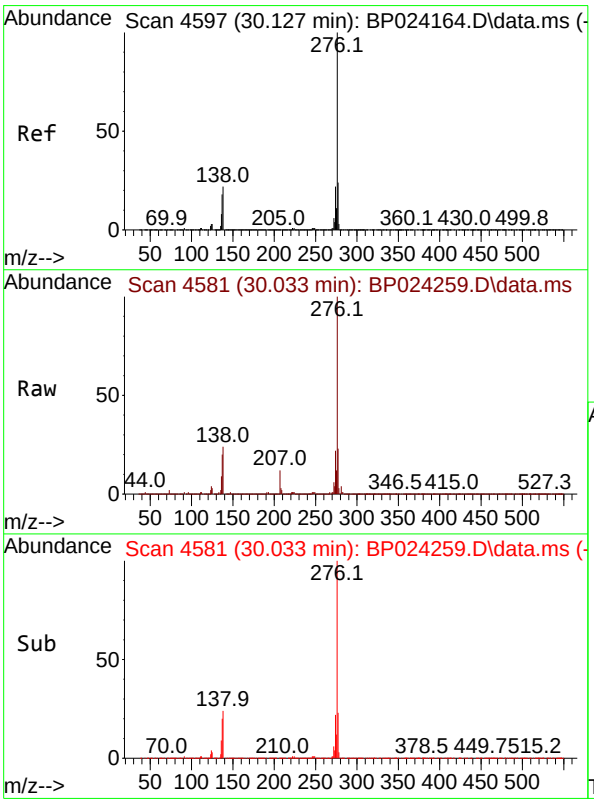
#91
Dibenzo(a,h)anthracene
Concen: 41.326 ng
RT: 28.909 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

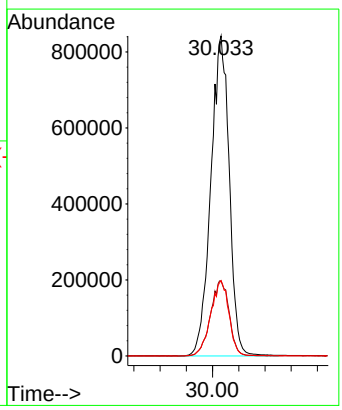
Tgt Ion:278 Resp: 4044449

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.0	19.4
279	24.1	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 41.156 ng
RT: 30.033 min Scan# 4581
Delta R.T. 0.023 min
Lab File: BP024259.D
Acq: 11 Apr 2025 09:43

Tgt Ion:276 Resp: 4094492

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	23.5	17.4	26.2