Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025598.D
Acq On : 27 Aug 2025 11:01
Operator : CG/JU
Sample : PB169370BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Quant Time: Aug 27 11:25:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	148040	20.000	ng		-0.02
21) Naphthalene-d8	10.549	136	615021	20.000	ng		-0.01
39) Acenaphthene-d10	14.389	164	404292	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	853901	20.000	ng		-0.01
76) Chrysene-d12	21.648	240	969472	20.000	ng		0.00
86) Perylene-d12	25.018	264	1139124	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1200775	134.702	ng		0.00
7) Phenol-d6	6.966	99	1529949	133.867	ng		0.00
23) Nitrobenzene-d5	8.919	82	946996	77.890	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	760500	139.751	ng		-0.01
45) 2-Fluorobiphenyl	13.001	172	2252347	76.139	ng		-0.02
79) Terphenyl-d14	19.913	244	4059745	76.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	123258	35.300	ng		98
3) Pyridine	3.719	79	354119	37.053	ng		96
4) n-Nitrosodimethylamine	3.625	42	182595	46.343	ng		99
6) Aniline	7.113	93	430043	27.927	ng		99
8) 2-Chlorophenol	7.355	128	487294	48.442	ng		98
9) Benzaldehyde	6.925	77	123736	15.453	ng		96
10) Phenol	6.996	94	582746	48.593	ng		98
11) bis(2-Chloroethyl)ether	7.207	93	414503	44.345	ng		99
12) 1,3-Dichlorobenzene	7.666	146	485834	43.800	ng		98
13) 1,4-Dichlorobenzene	7.813	146	496698	43.811	ng		99
14) 1,2-Dichlorobenzene	8.125	146	481693	43.891	ng		98
15) Benzyl Alcohol	8.013	79	415831	45.791	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.296	45	567047	45.286	ng		98
17) 2-Methylphenol	8.219	107	402255	48.295	ng		99
18) Hexachloroethane	8.843	117	180289	43.250	ng		99
19) n-Nitroso-di-n-propyla...	8.572	70	329611	43.540	ng		97
20) 3+4-Methylphenols	8.543	107	540152	46.785	ng		99
22) Acetophenone	8.590	105	688325	44.628	ng	#	98
24) Nitrobenzene	8.960	77	495396	45.592	ng		99
25) Isophorone	9.484	82	933372	43.379	ng		99
26) 2-Nitrophenol	9.660	139	260567	46.727	ng		96
27) 2,4-Dimethylphenol	9.731	122	453181	47.256	ng		97
28) bis(2-Chloroethoxy)met...	9.960	93	571226	43.919	ng		98
29) 2,4-Dichlorophenol	10.207	162	452353	47.484	ng		98
30) 1,2,4-Trichlorobenzene	10.407	180	454350	43.508	ng		99
31) Naphthalene	10.596	128	1403986	43.921	ng		99
32) Benzoic acid	9.890	122	337738	47.704	ng		97
33) 4-Chloroaniline	10.701	127	232182	16.443	ng		99
34) Hexachlorobutadiene	10.884	225	279348	42.953	ng		98
35) Caprolactam	11.496	113	169799	48.609	ng		98
36) 4-Chloro-3-methylphenol	11.843	107	524556	47.987	ng		99
37) 2-Methylnaphthalene	12.201	142	913846	43.929	ng		100
38) 1-Methylnaphthalene	12.419	142	964156	43.582	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	526139	45.060	ng		99
41) Hexachlorocyclopentadiene	12.554	237	516663	73.254	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	382444	48.516	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025598.D
Acq On : 27 Aug 2025 11:01
Operator : CG/JU
Sample : PB169370BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Quant Time: Aug 27 11:25:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	415430	48.086	ng		98
46) 1,1'-Biphenyl	13.213	154	1324535	45.110	ng		99
47) 2-Chloronaphthalene	13.260	162	1008960	44.140	ng		100
48) 2-Nitroaniline	13.460	65	340067	51.059	ng		97
49) Acenaphthylene	14.113	152	1757916	46.477	ng		99
50) Dimethylphthalate	13.842	163	1389966	46.949	ng		99
51) 2,6-Dinitrotoluene	13.960	165	310968	49.834	ng		98
52) Acenaphthene	14.454	154	994508	44.794	ng		99
53) 3-Nitroaniline	14.295	138	208610	29.714	ng		94
54) 2,4-Dinitrophenol	14.513	184	371494	111.480	ng		98
55) Dibenzofuran	14.795	168	1598571	45.542	ng		100
56) 4-Nitrophenol	14.637	139	558851	96.869	ng		99
57) 2,4-Dinitrotoluene	14.760	165	452100	50.781	ng		98
58) Fluorene	15.454	166	1296385	46.806	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	376756	49.388	ng		99
60) Diethylphthalate	15.225	149	1443571	47.987	ng		99
61) 4-Chlorophenyl-phenyle...	15.448	204	634515	46.063	ng		99
62) 4-Nitroaniline	15.478	138	354037	49.190	ng		99
63) Azobenzene	15.742	77	1266252	49.158	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	265528	49.885	ng		98
66) n-Nitrosodiphenylamine	15.660	169	1193960	45.853	ng		100
67) 4-Bromophenyl-phenylether	16.360	248	422284	44.965	ng		99
68) Hexachlorobenzene	16.483	284	495747	45.538	ng		97
69) Atrazine	16.642	200	447985	45.940	ng		98
70) Pentachlorophenol	16.842	266	657272	95.643	ng		97
71) Phenanthrene	17.236	178	2100644	44.783	ng		99
72) Anthracene	17.325	178	2179229	45.493	ng		100
73) Carbazole	17.613	167	2113591	46.844	ng		99
74) Di-n-butylphthalate	18.201	149	2663481	47.980	ng		100
75) Fluoranthene	19.325	202	2659369	47.529	ng		99
77) Benzidine	19.513	184	999000	30.194	ng		99
78) Pyrene	19.701	202	2752492	43.681	ng		100
80) Butylbenzylphthalate	20.648	149	1349125	47.241	ng		100
81) Benzo(a)anthracene	21.624	228	3009321	47.067	ng		99
82) 3,3'-Dichlorobenzidine	21.542	252	772708	32.063	ng		99
83) Chrysene	21.689	228	2789151	46.581	ng		99
84) Bis(2-ethylhexyl)phtha...	21.560	149	2017022	47.980	ng		99
85) Di-n-octyl phthalate	22.848	149	3689681	51.027	ng		99
87) Indeno(1,2,3-cd)pyrene	28.853	276	3892421	46.594	ng	#	79
88) Benzo(b)fluoranthene	23.954	252	3178801	47.324	ng		99
89) Benzo(k)fluoranthene	24.030	252	3155896	46.951	ng		99
90) Benzo(a)pyrene	24.860	252	3049595	46.640	ng		99
91) Dibenzo(a,h)anthracene	28.942	278	3208547	46.999	ng		97
92) Benzo(g,h,i)perylene	30.065	276	3152886	46.983	ng		98

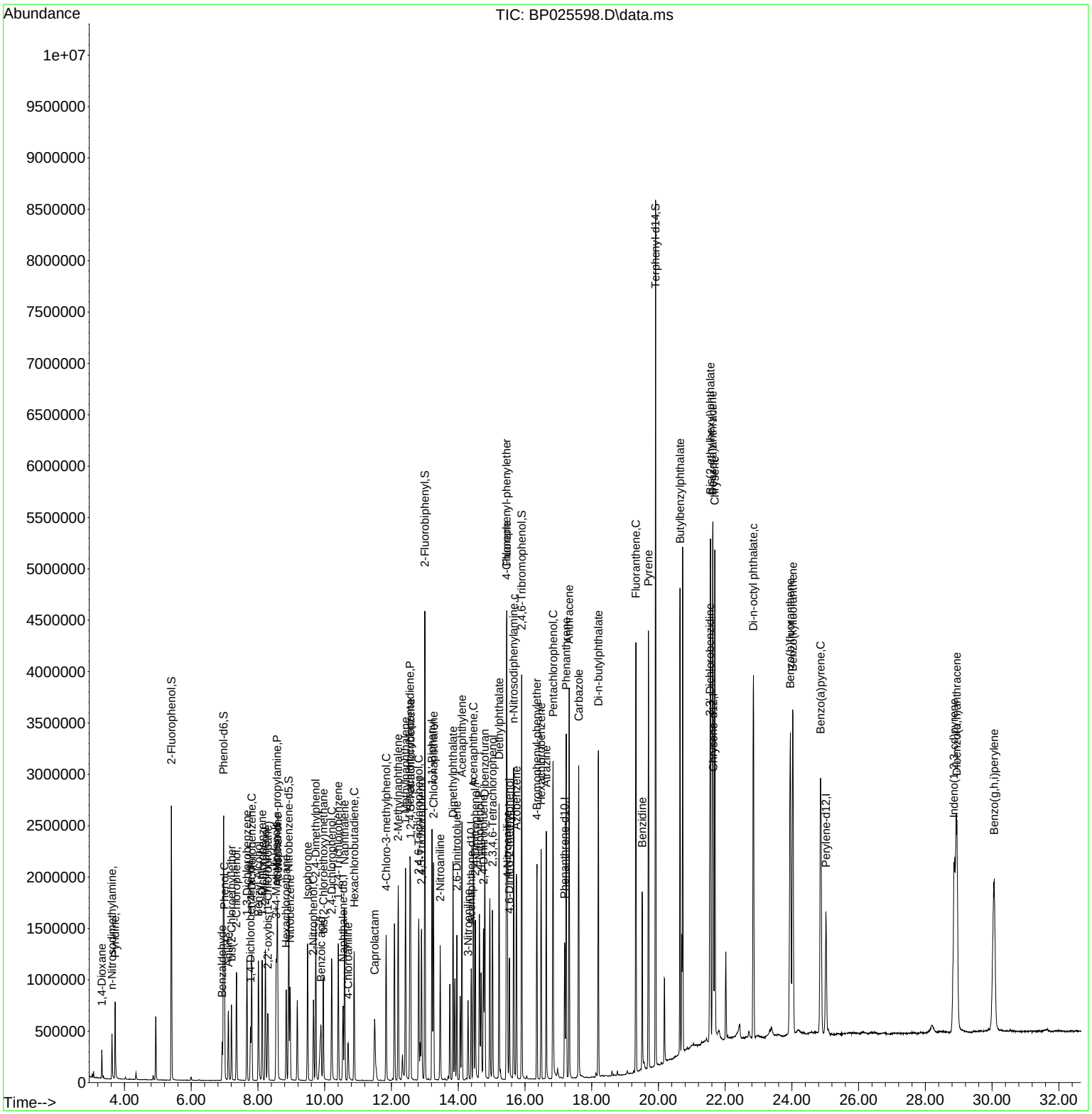
(#) = qualifier out of range (m) = manual integration (+) = signals summed

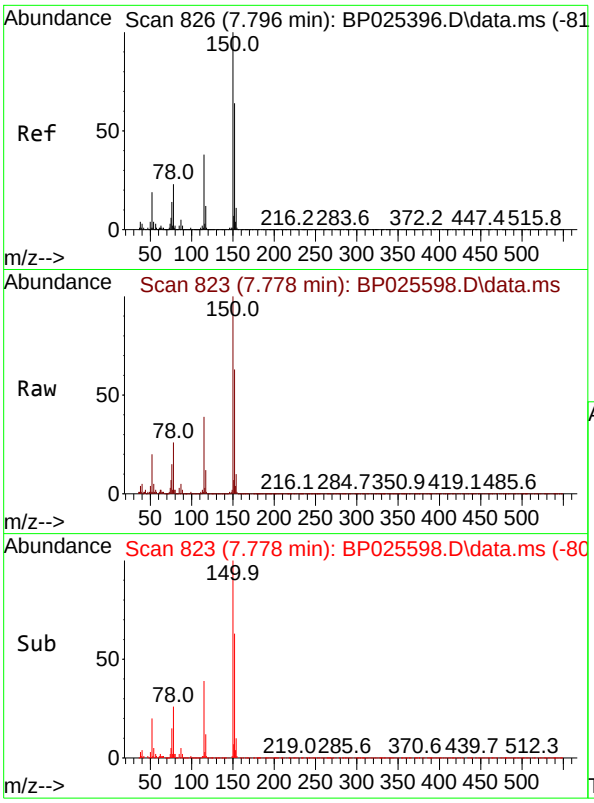
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025598.D
Acq On : 27 Aug 2025 11:01
Operator : CG/JU
Sample : PB169370BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Quant Time: Aug 27 11:25:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



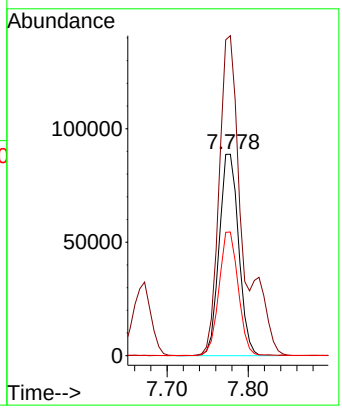


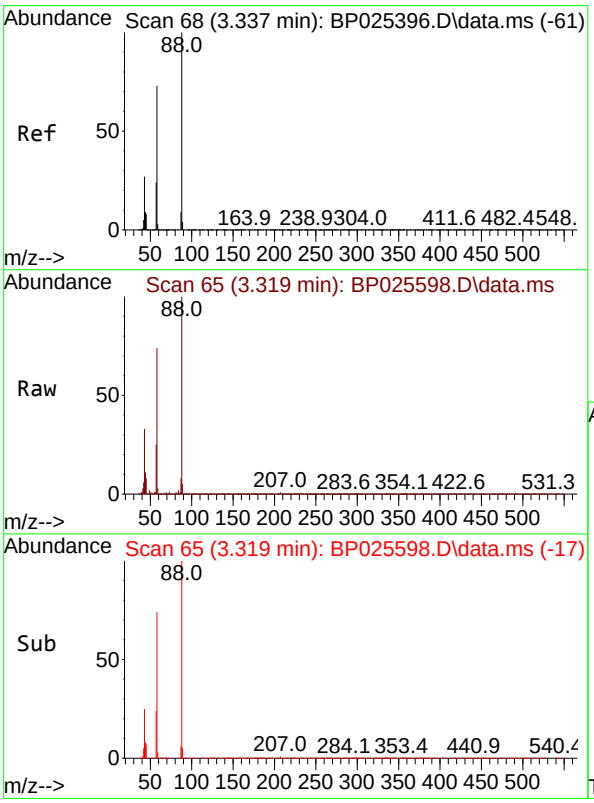
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:152 Resp: 148040

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.9	188.9
115	61.4	48.5	72.7

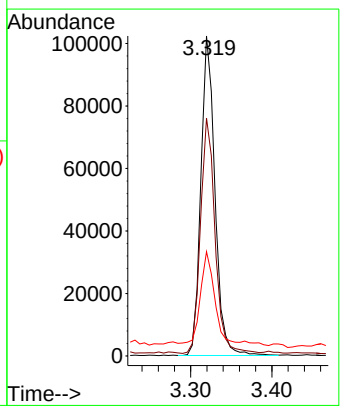


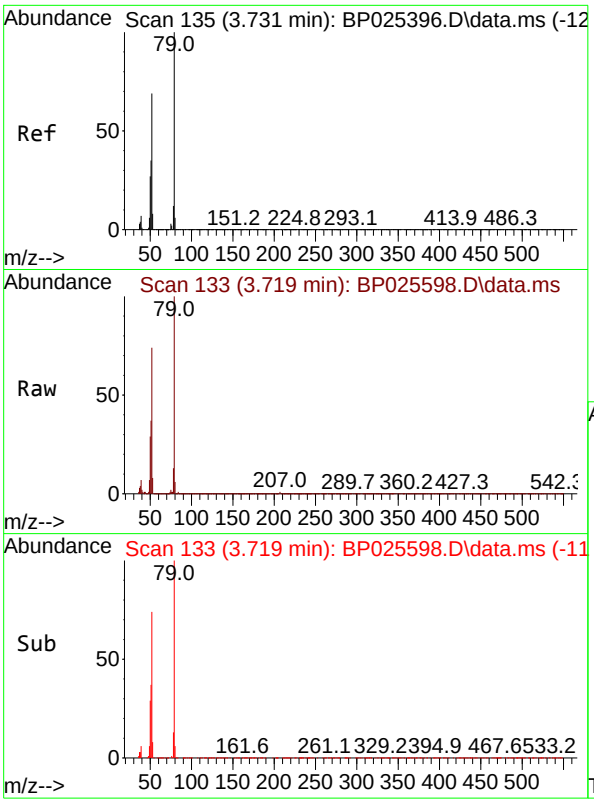


#2
1,4-Dioxane
Concen: 35.300 ng
RT: 3.319 min Scan# 65
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 88 Resp: 123258

Ion	Ratio	Lower	Upper
88	100		
58	76.2	59.2	88.8
43	27.4	21.7	32.5



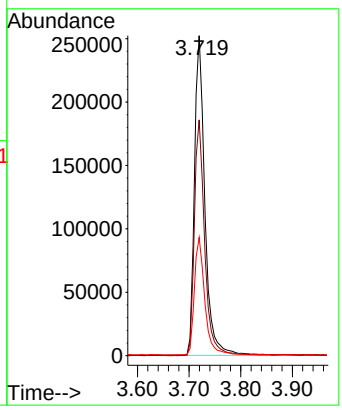


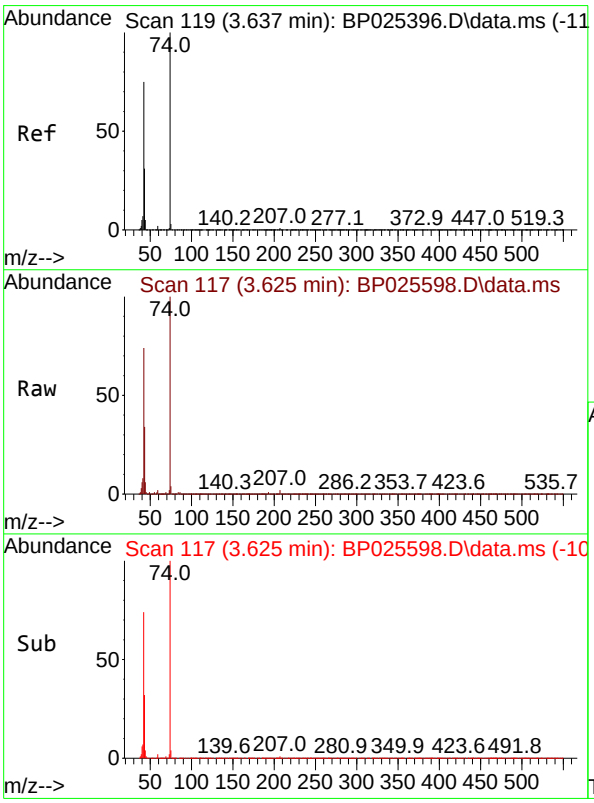
#3
Pyridine
Concen: 37.053 ng
RT: 3.719 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 79 Resp: 354119

Ion	Ratio	Lower	Upper
79	100		
52	73.7	55.5	83.3
51	37.0	28.3	42.5

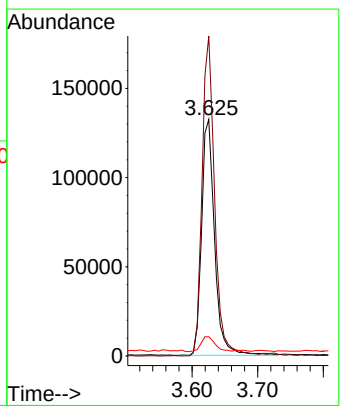


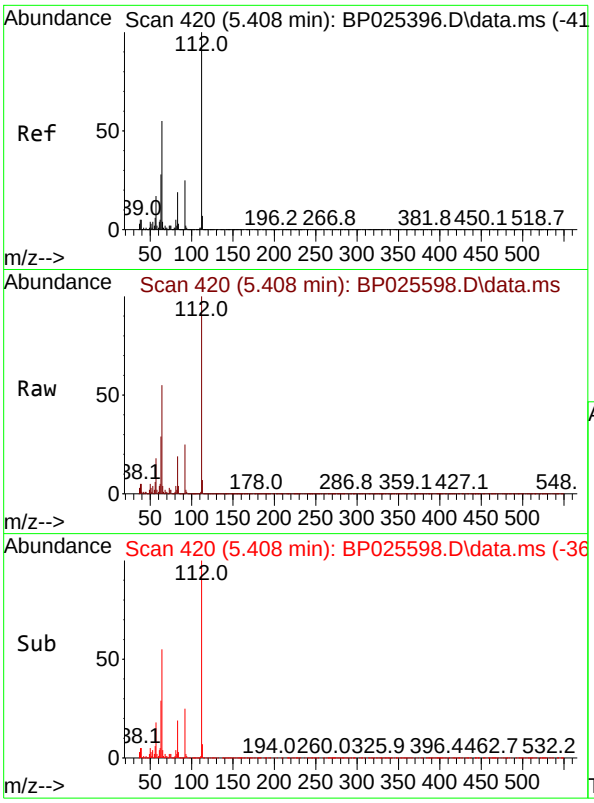


#4
n-Nitrosodimethylamine
Concen: 46.343 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 42 Resp: 182595

Ion	Ratio	Lower	Upper
42	100		
74	135.3	107.0	160.4
44	8.1	6.2	9.4



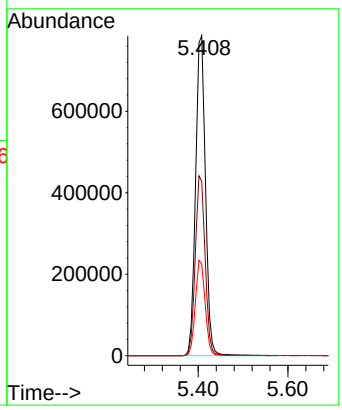


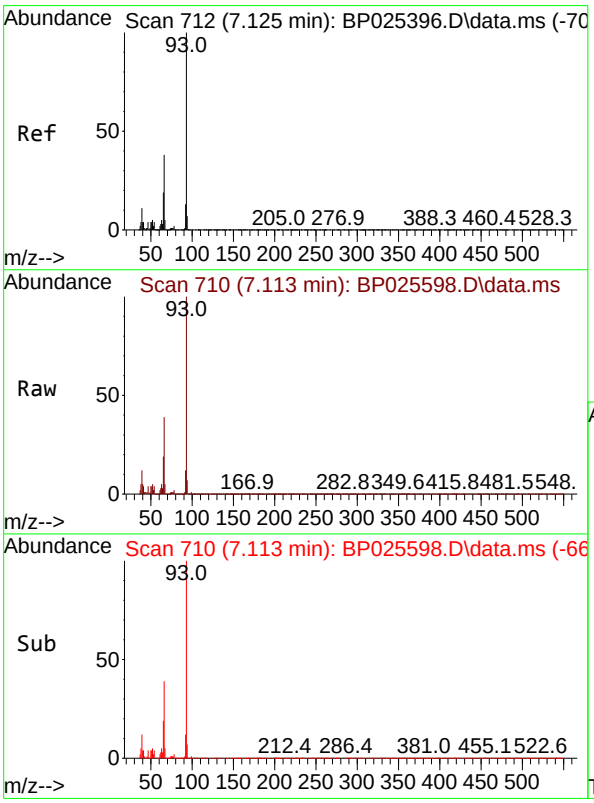
#5
2-Fluorophenol
Concen: 134.702 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:112 Resp: 1200775

Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.8	65.8
63	28.7	22.7	34.1

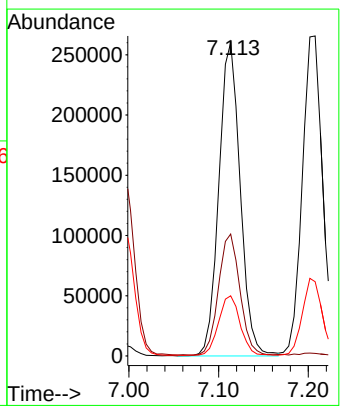


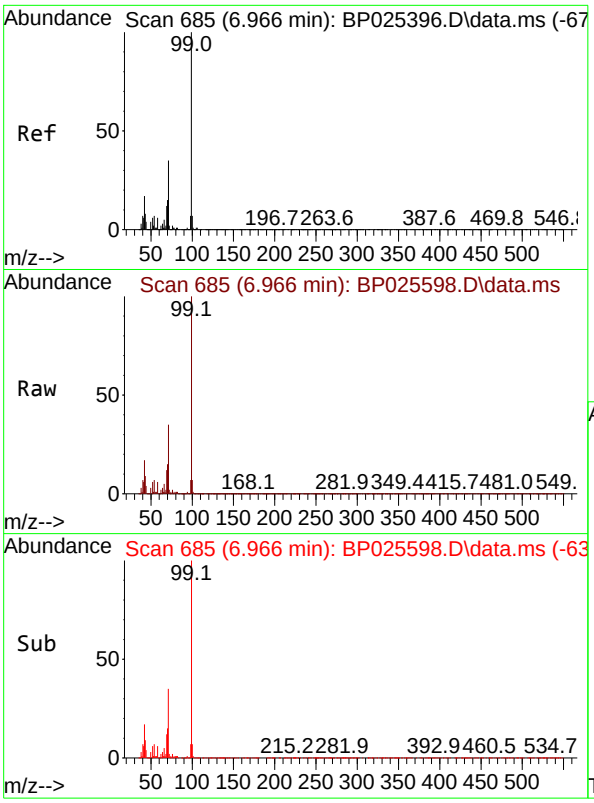


#6
Aniline
Concen: 27.927 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 93 Resp: 430043

Ion	Ratio	Lower	Upper
93	100		
66	38.9	30.4	45.6
65	19.2	15.3	22.9



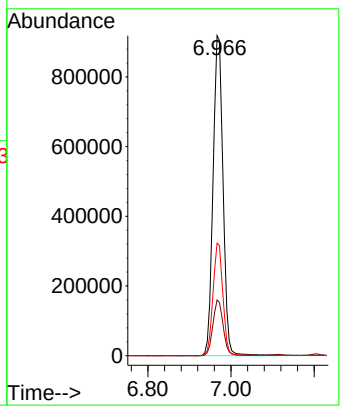


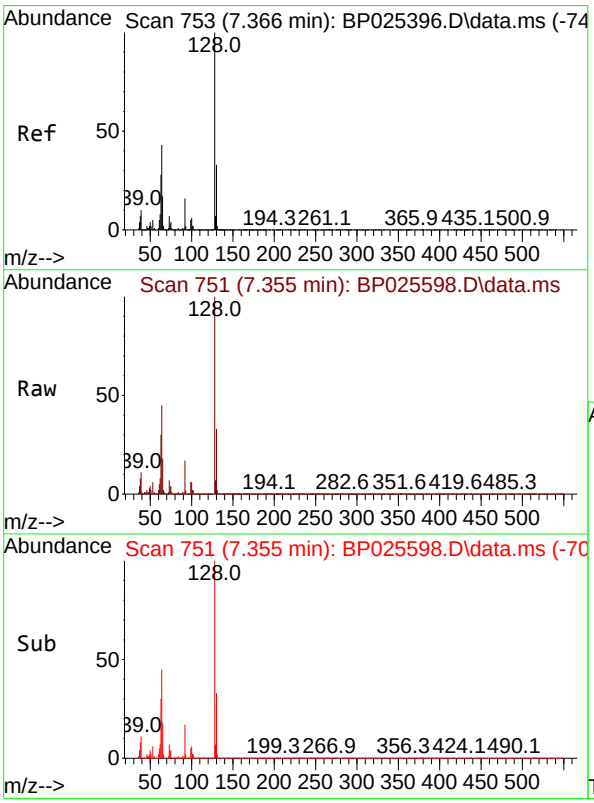
#7
Phenol-d6
Concen: 133.867 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 99 Resp: 1529949

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.7	20.5
71	35.1	28.2	42.4

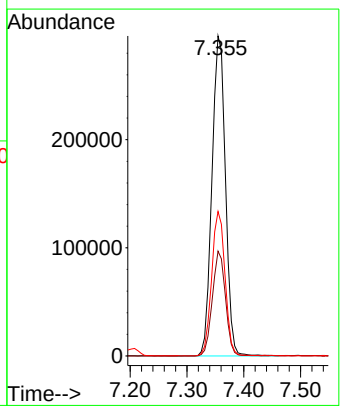


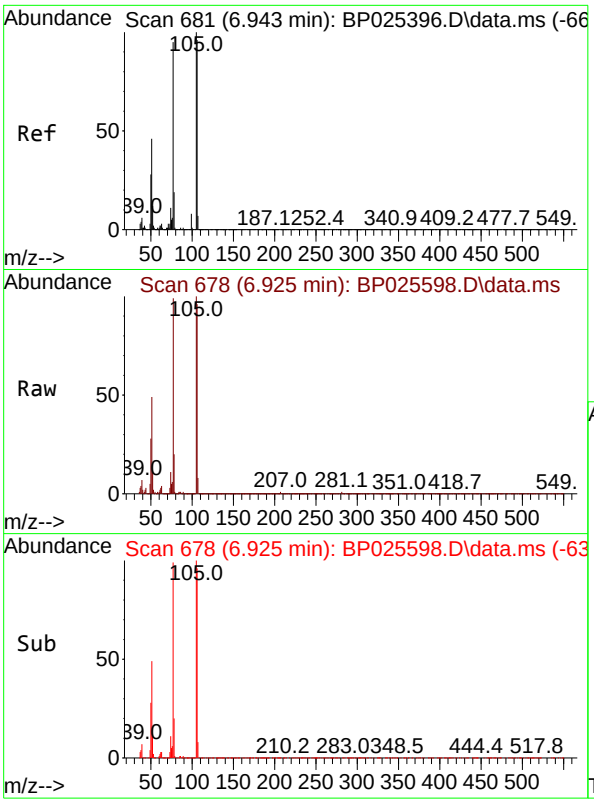


#8
2-Chlorophenol
Concen: 48.442 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:128 Resp: 487294

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	45.2	23.4	63.4



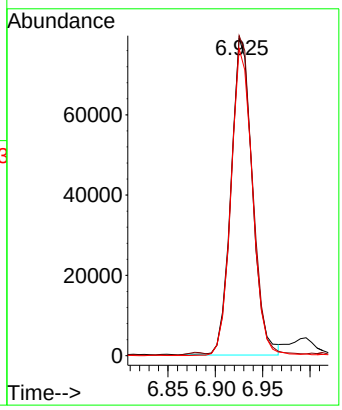


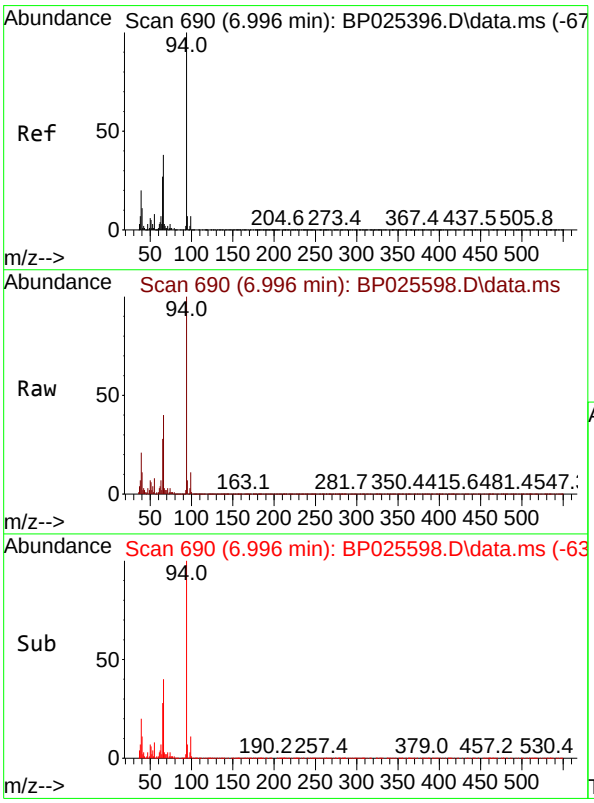
#9
Benzaldehyde
Concen: 15.453 ng
RT: 6.925 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 77 Resp: 123736

Ion	Ratio	Lower	Upper
77	100		
105	100.8	84.8	124.8
106	96.8	80.5	120.5

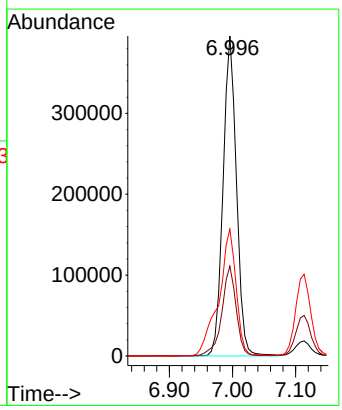


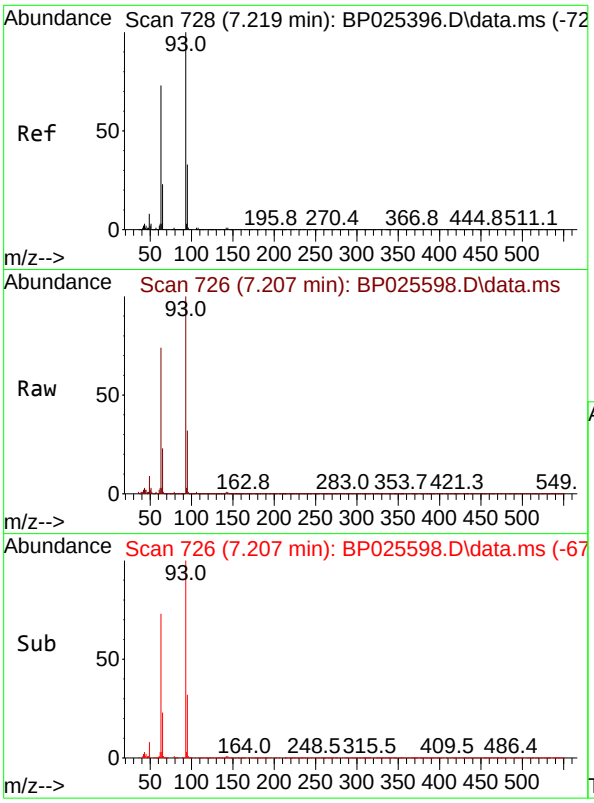


#10
Phenol
Concen: 48.593 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 94 Resp: 582746

Ion	Ratio	Lower	Upper
94	100		
65	28.1	6.8	46.8
66	39.6	18.2	58.2



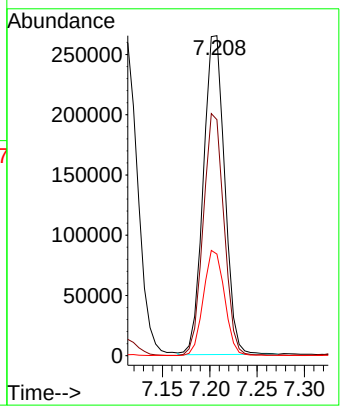


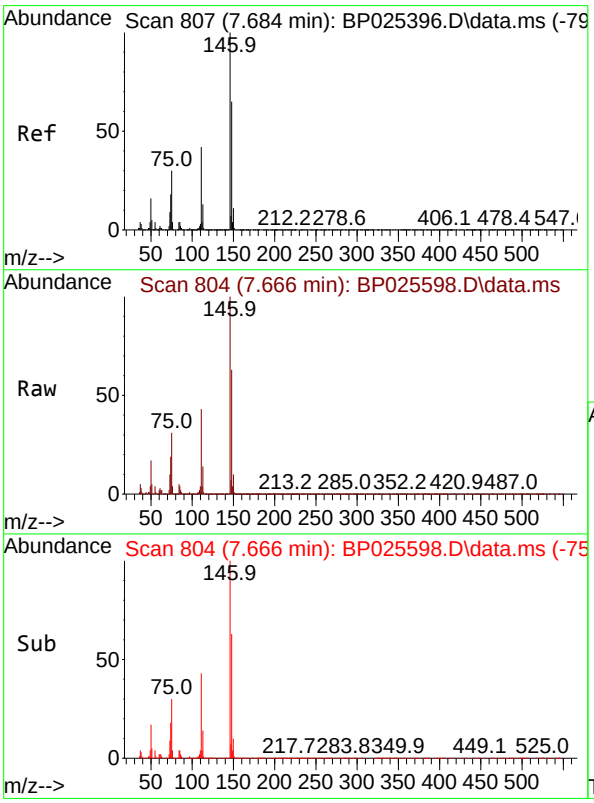
#11
bis(2-Chloroethyl)ether
Concen: 44.345 ng
RT: 7.207 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 93 Resp: 414503

Ion	Ratio	Lower	Upper
93	100		
63	73.7	52.6	92.6
95	31.7	12.7	52.7

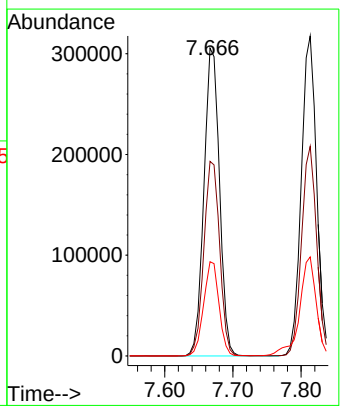


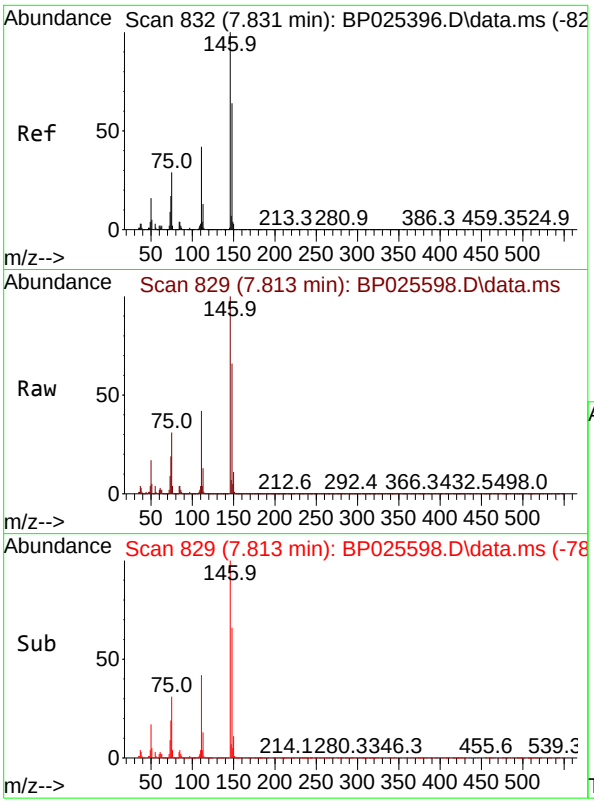


#12
1,3-Dichlorobenzene
Concen: 43.800 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:146 Resp: 485834

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
75	30.6	23.7	35.5



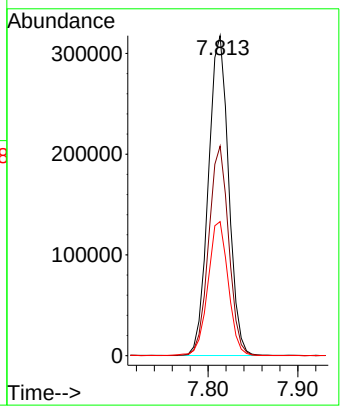


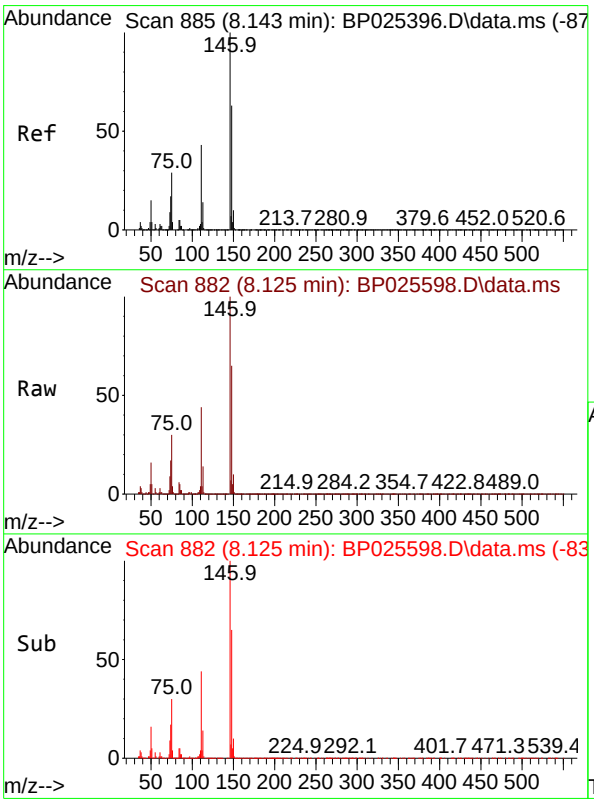
#13
1,4-Dichlorobenzene
Concen: 43.811 ng
RT: 7.813 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:146 Resp: 496698

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.6	77.4
111	41.9	33.4	50.0

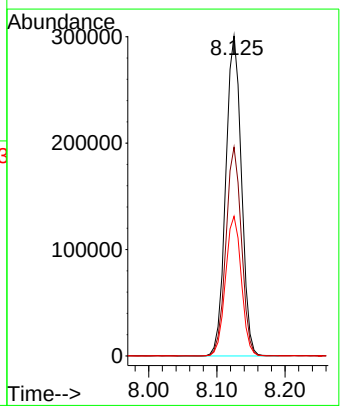


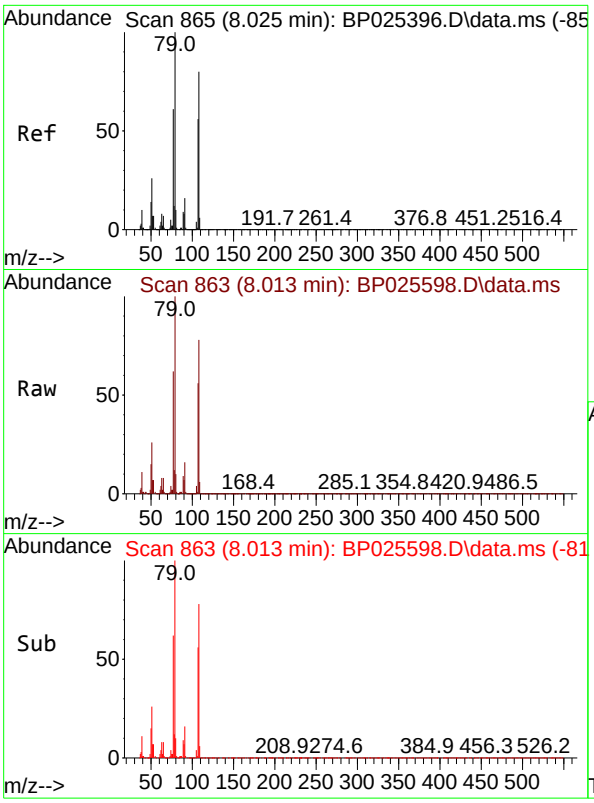


#14
1,2-Dichlorobenzene
Concen: 43.891 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:146 Resp: 481693

Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.4	75.6
111	43.6	34.5	51.7



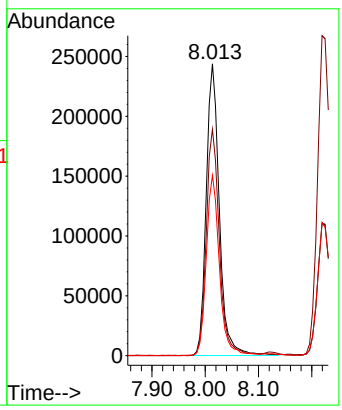


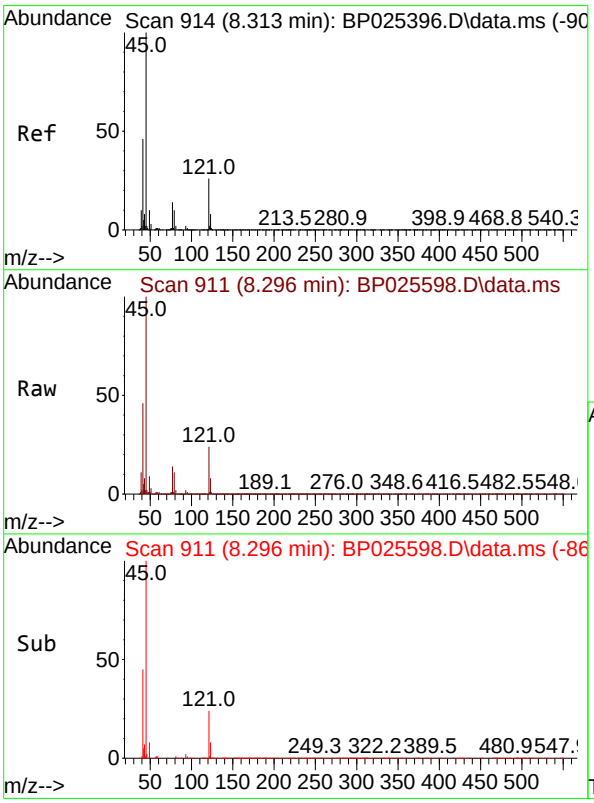
#15
Benzyl Alcohol
Concen: 45.791 ng
RT: 8.013 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 79 Resp: 415831

Ion	Ratio	Lower	Upper
79	100		
108	77.5	63.8	95.6
77	61.8	49.0	73.4

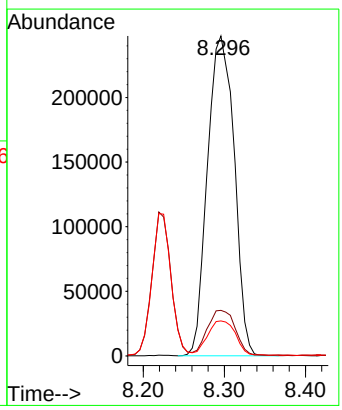


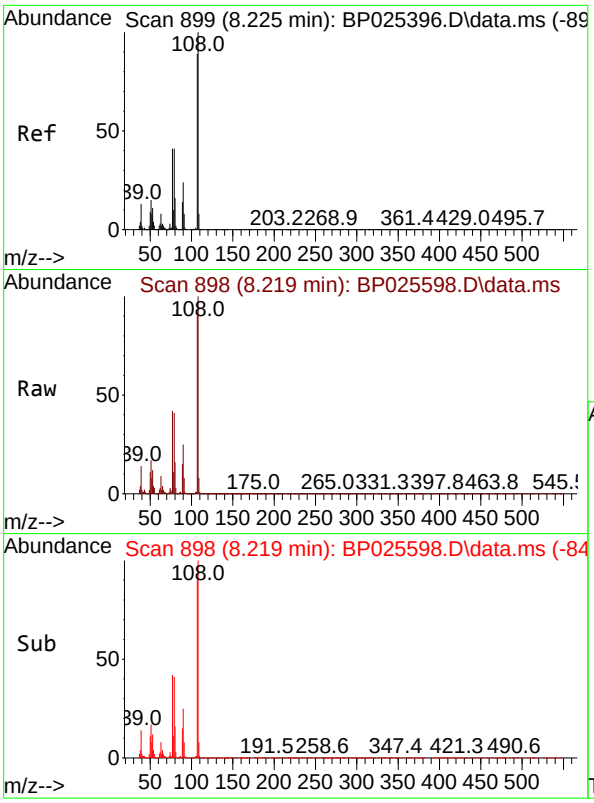


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.286 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 45 Resp: 567047

Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	35.3
79	11.0	0.0	31.8



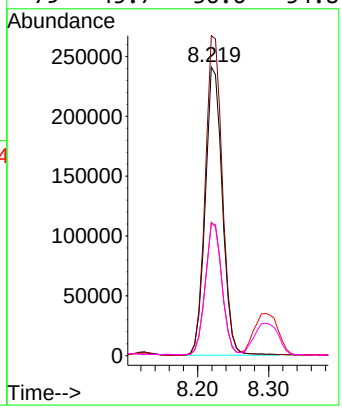


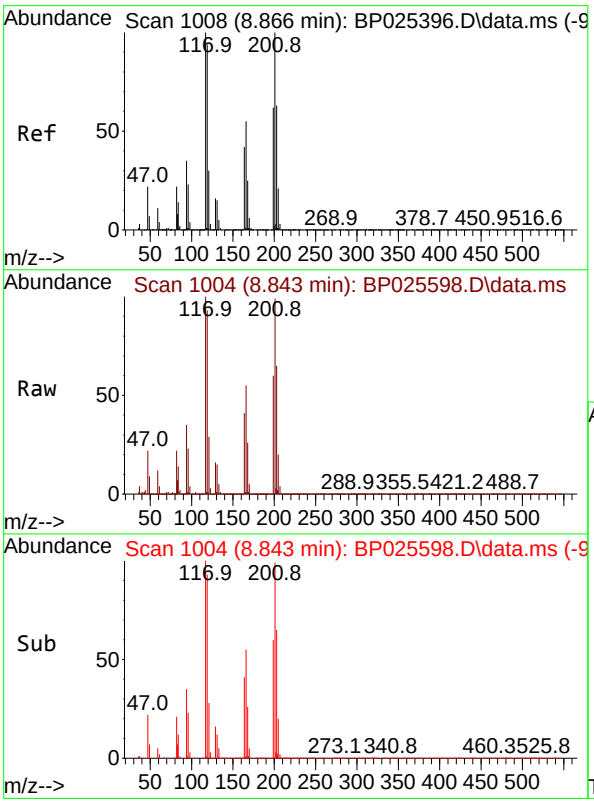
#17
2-Methylphenol
Concen: 48.295 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:107 Resp: 402255

Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.4	134.0
77	46.2	36.3	54.5
79	45.7	36.6	54.8

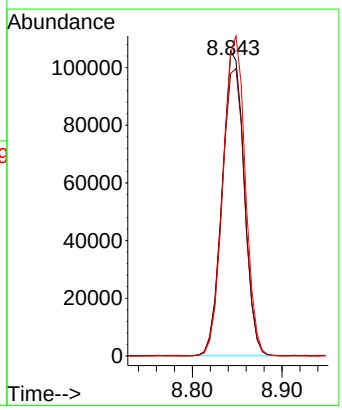


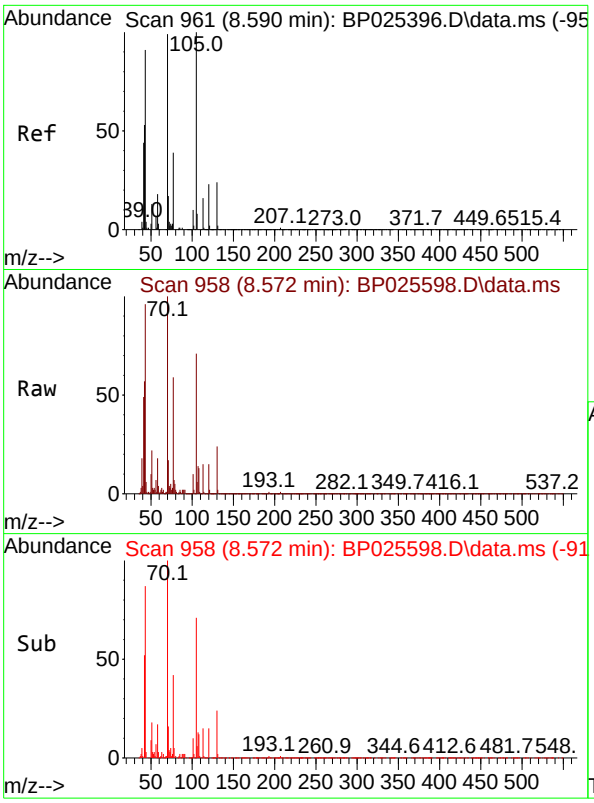


#18
Hexachloroethane
Concen: 43.250 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.023 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:117 Resp: 180289

Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.1	112.7
201	99.1	80.1	120.1



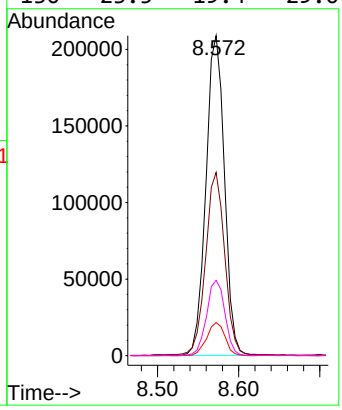


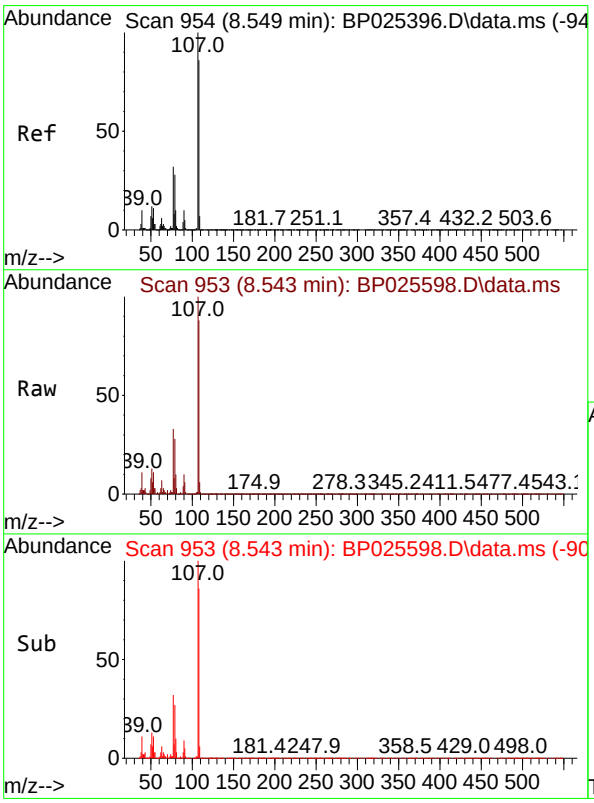
#19
n-Nitroso-di-n-propylamine
Concen: 43.540 ng
RT: 8.572 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 70 Resp: 329611

Ion	Ratio	Lower	Upper
70	100		
42	57.3	43.8	65.6
101	10.4	8.5	12.7
130	23.5	19.4	29.0

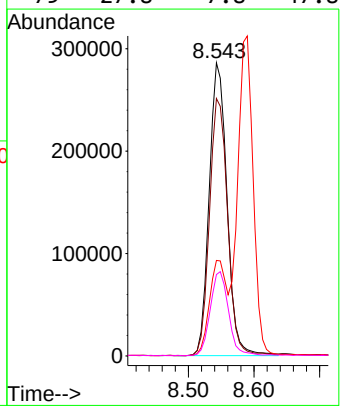


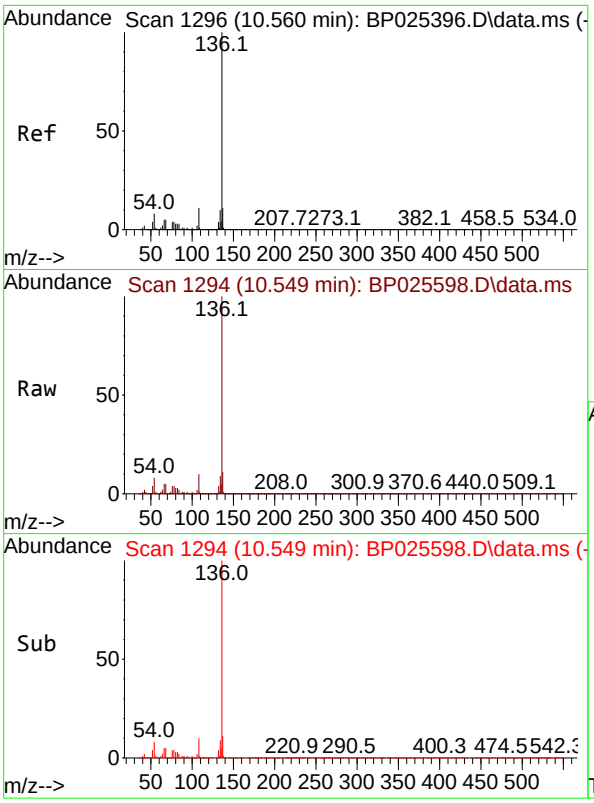


#20
3+4-Methylphenols
Concen: 46.785 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:107 Resp: 540152

Ion	Ratio	Lower	Upper
107	100		
108	87.8	66.3	106.3
77	32.6	12.3	52.3
79	27.8	7.8	47.8



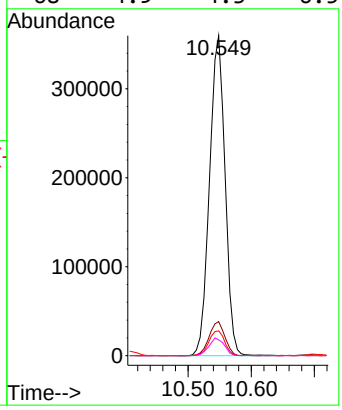


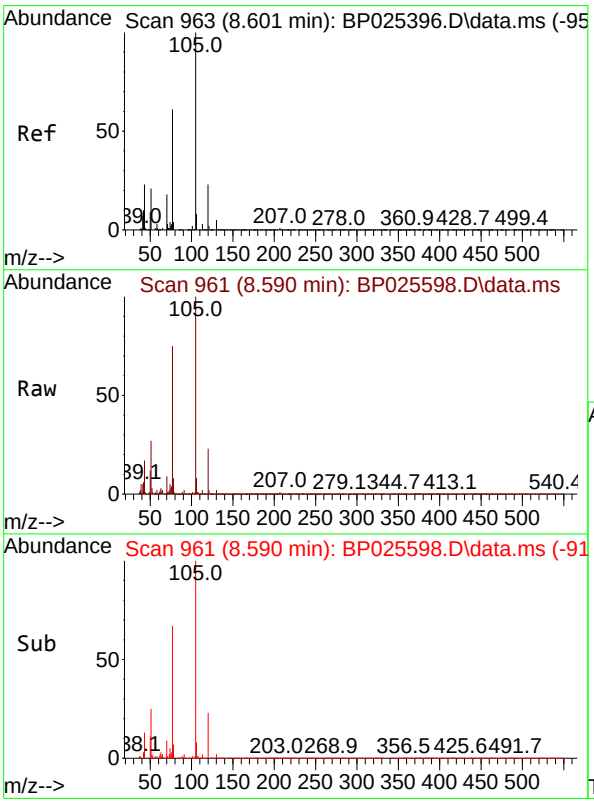
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:136 Resp: 615021

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.7	6.0	9.0
68	4.9	4.3	6.5

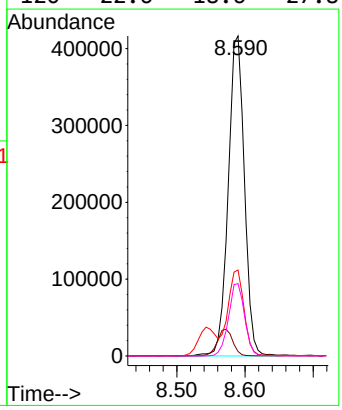


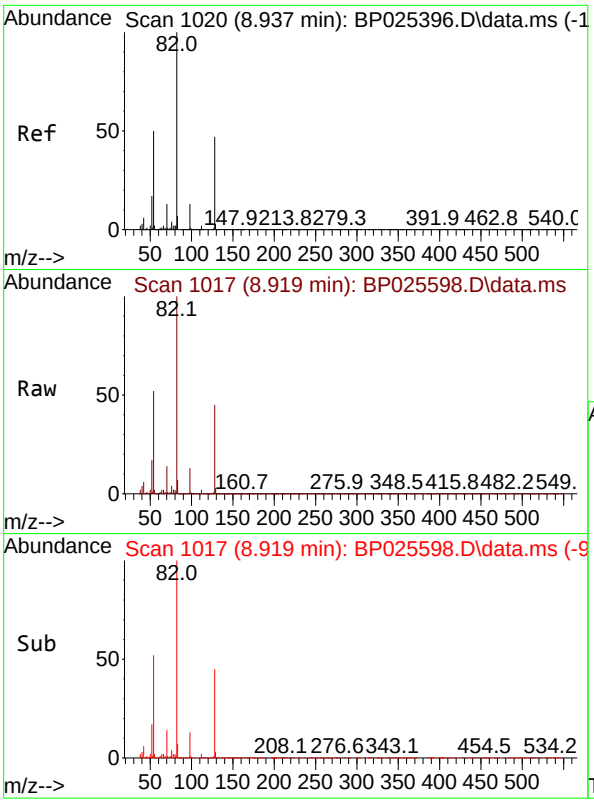


#22
Acetophenone
Concen: 44.628 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:105 Resp: 688325

Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.6	4.0#
51	26.8	20.6	30.8
120	22.6	18.6	27.8



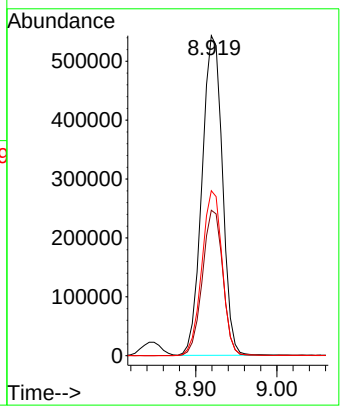


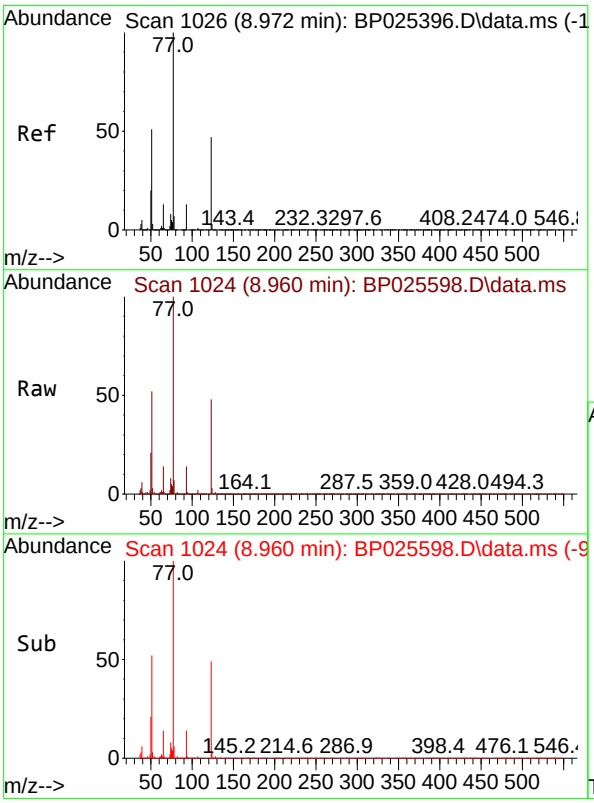
#23
Nitrobenzene-d5
Concen: 77.890 ng
RT: 8.919 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 82 Resp: 946996

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	51.6	39.8	59.6

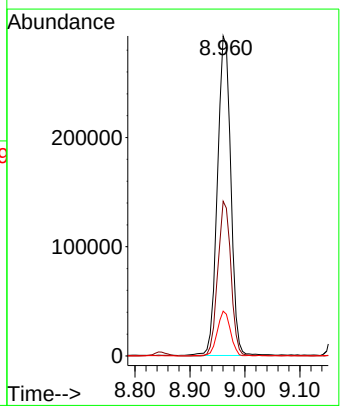


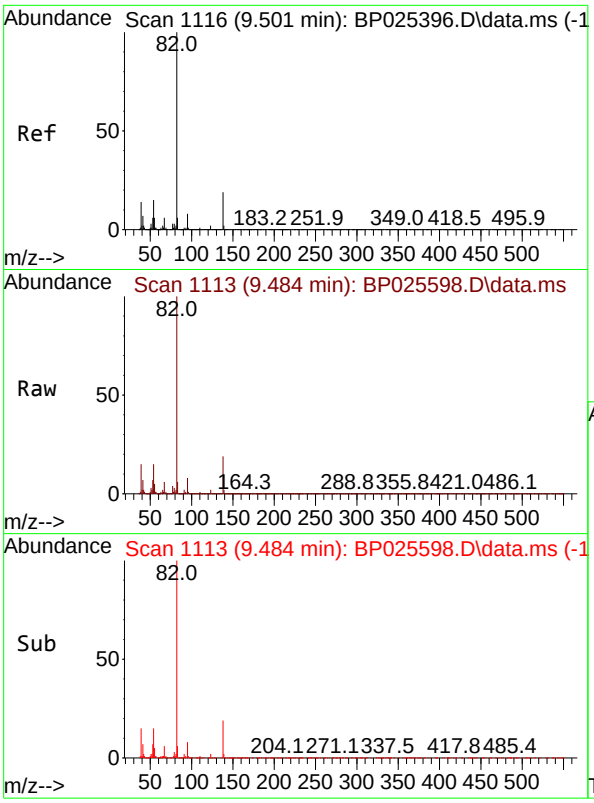


#24
Nitrobenzene
Concen: 45.592 ng
RT: 8.960 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 77 Resp: 495396

Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.6	58.0
65	14.0	10.6	15.8



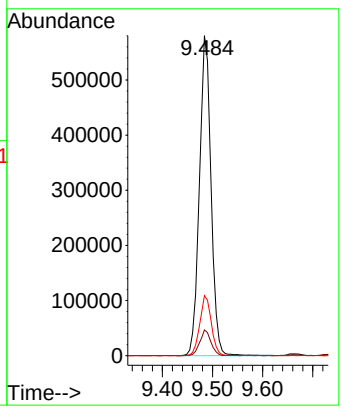


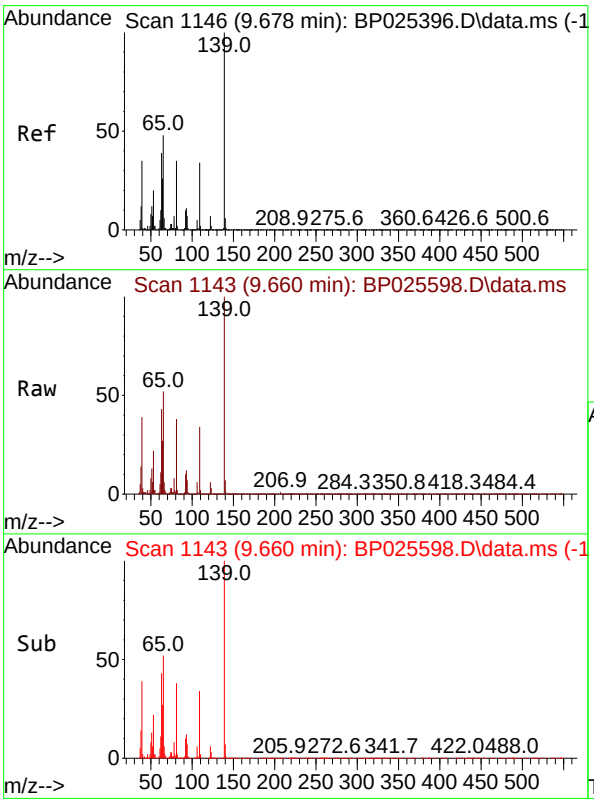
#25
Isophorone
Concen: 43.379 ng
RT: 9.484 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 82 Resp: 933372

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.4	9.6
138	18.8	15.4	23.0

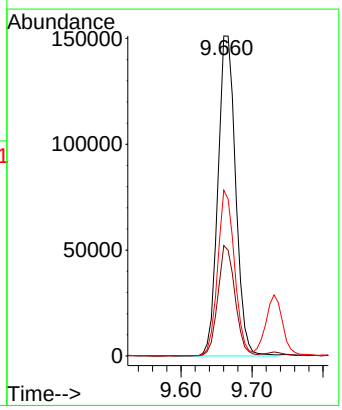


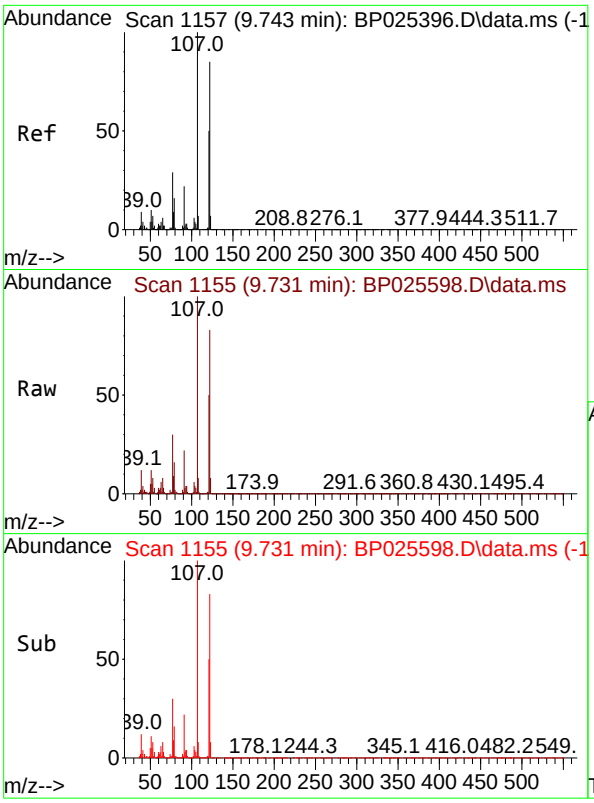


#26
2-Nitrophenol
Concen: 46.727 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:139 Resp: 260567

Ion	Ratio	Lower	Upper
139	100		
109	34.5	26.9	40.3
65	51.8	38.3	57.5



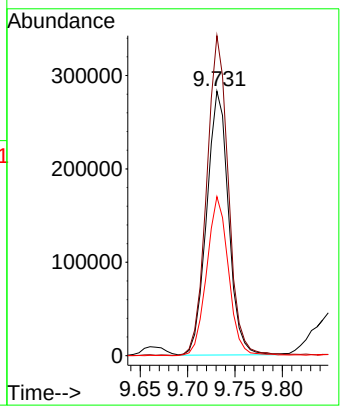


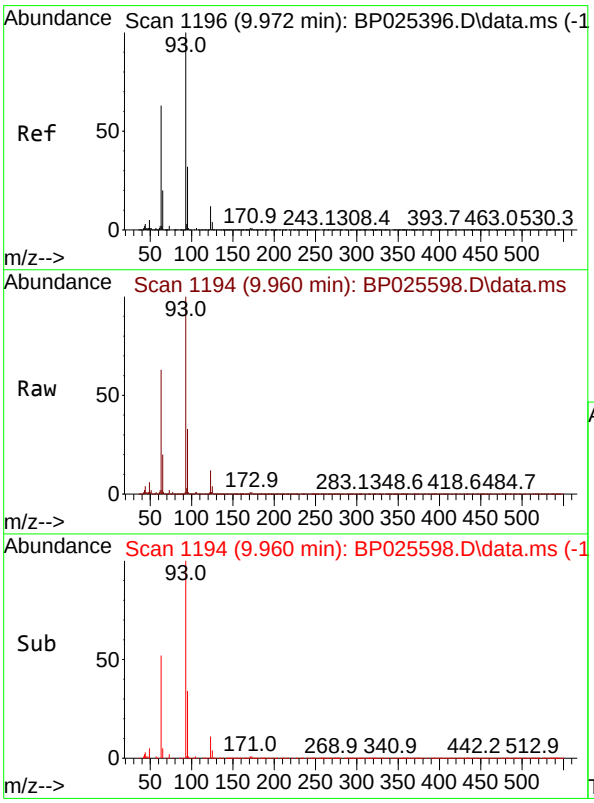
#27
2,4-Dimethylphenol
Concen: 47.256 ng
RT: 9.731 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:122 Resp: 453181

Ion	Ratio	Lower	Upper
122	100		
107	121.0	93.7	140.5
121	60.1	46.6	69.8

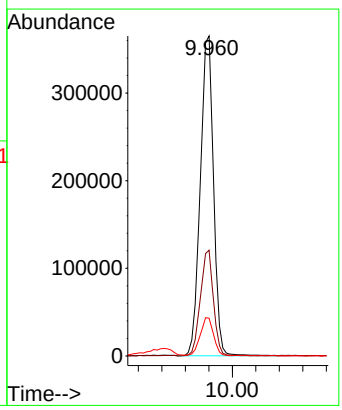


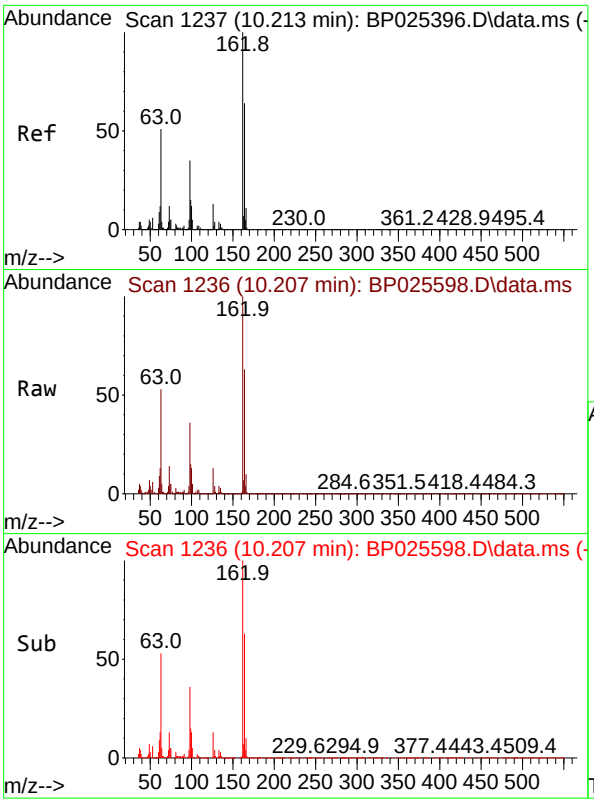


#28
bis(2-Chloroethoxy)methane
Concen: 43.919 ng
RT: 9.960 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 93 Resp: 571226

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.4	38.0
123	11.8	9.4	14.0



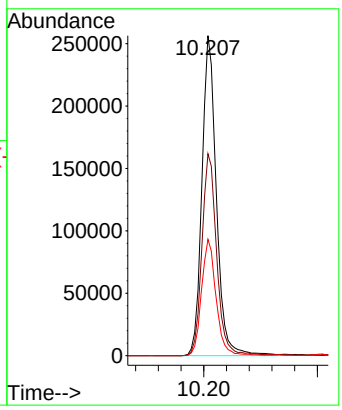


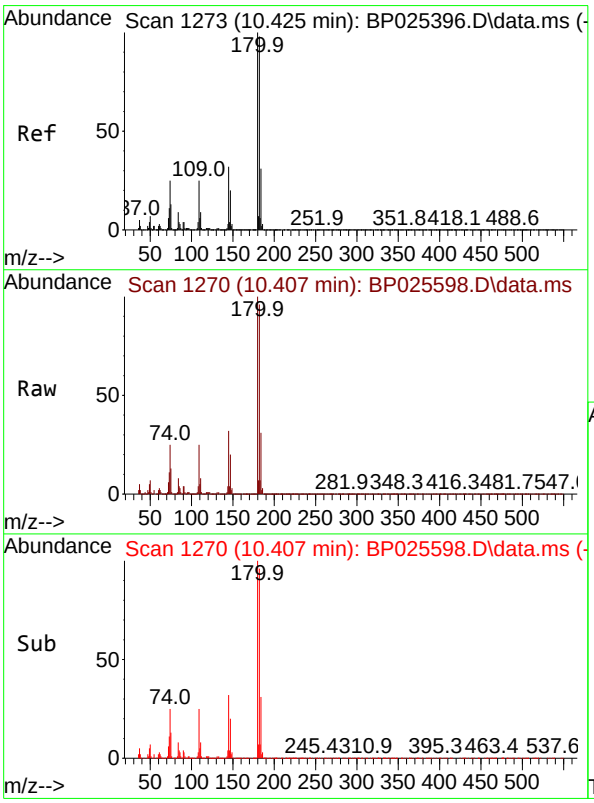
#29
2,4-Dichlorophenol
Concen: 47.484 ng
RT: 10.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:162 Resp: 452353

Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.4	84.4
98	36.4	14.9	54.9

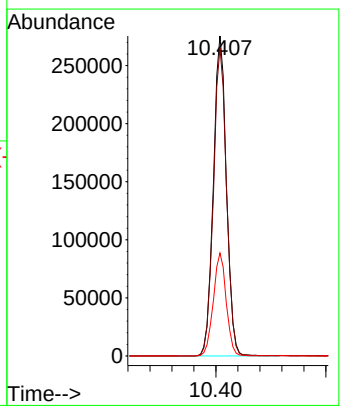


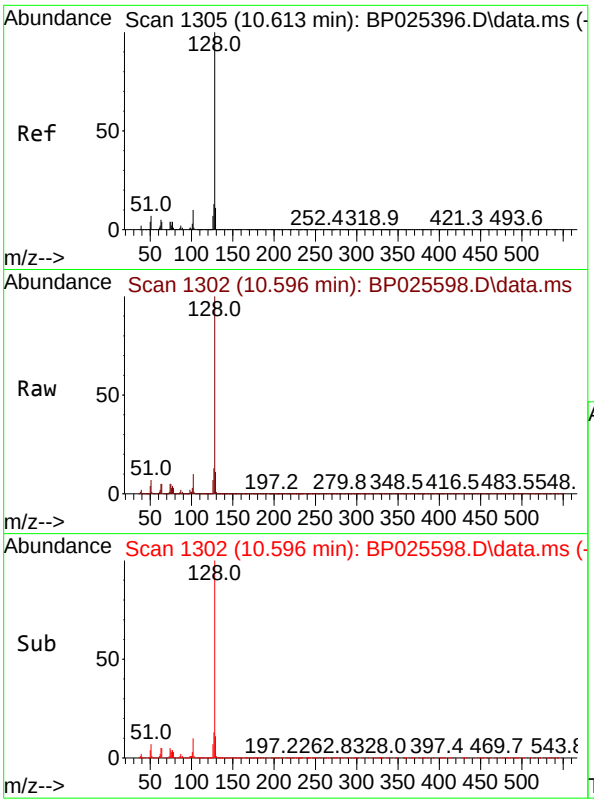


#30
1,2,4-Trichlorobenzene
Concen: 43.508 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:180 Resp: 454350

Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.0	117.0
145	32.2	25.9	38.9



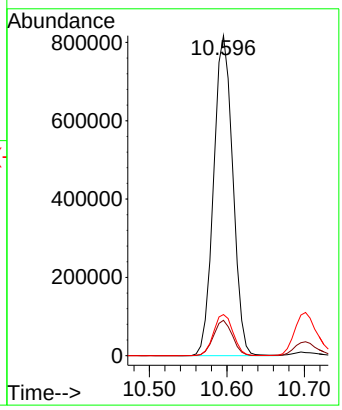


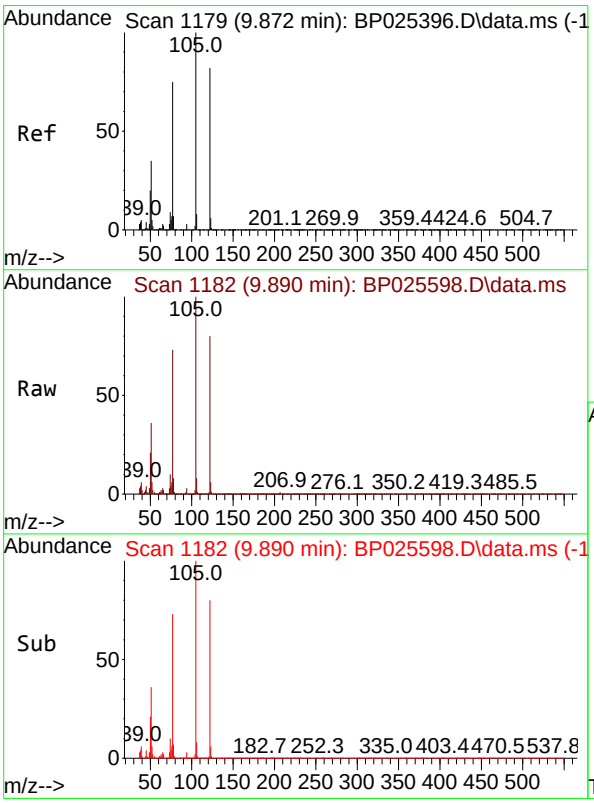
#31
Naphthalene
Concen: 43.921 ng
RT: 10.596 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:128 Resp: 1403986

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.9	10.7	16.1

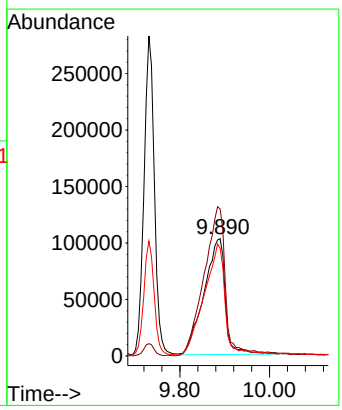


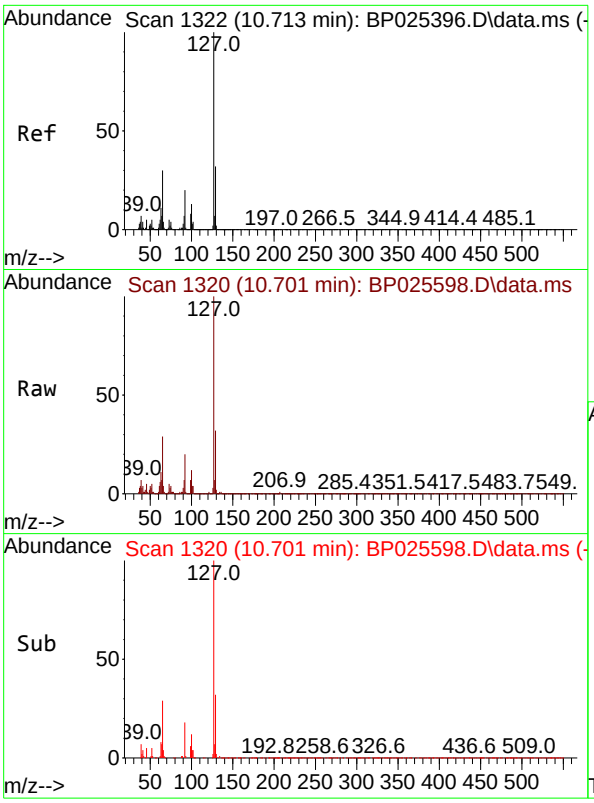


#32
Benzoic acid
Concen: 47.704 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:122 Resp: 337738

Ion	Ratio	Lower	Upper
122	100		
105	125.5	100.6	140.6
77	91.8	71.5	111.5



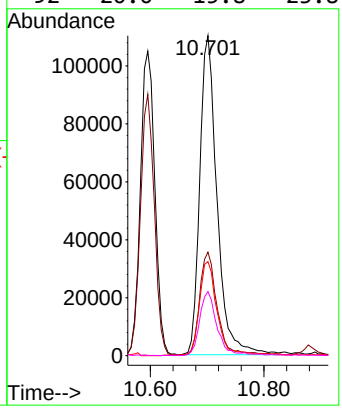


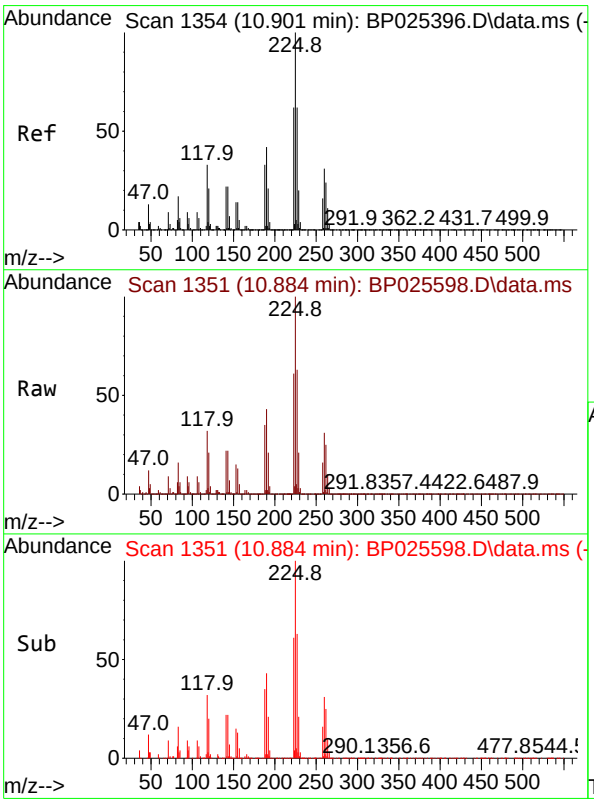
#33
4-Chloroaniline
Concen: 16.443 ng
RT: 10.701 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:127 Resp: 232182

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	29.4	23.8	35.6
92	20.0	15.8	23.8

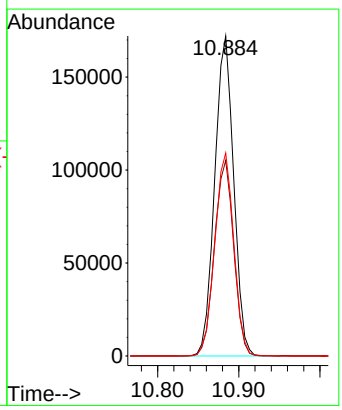


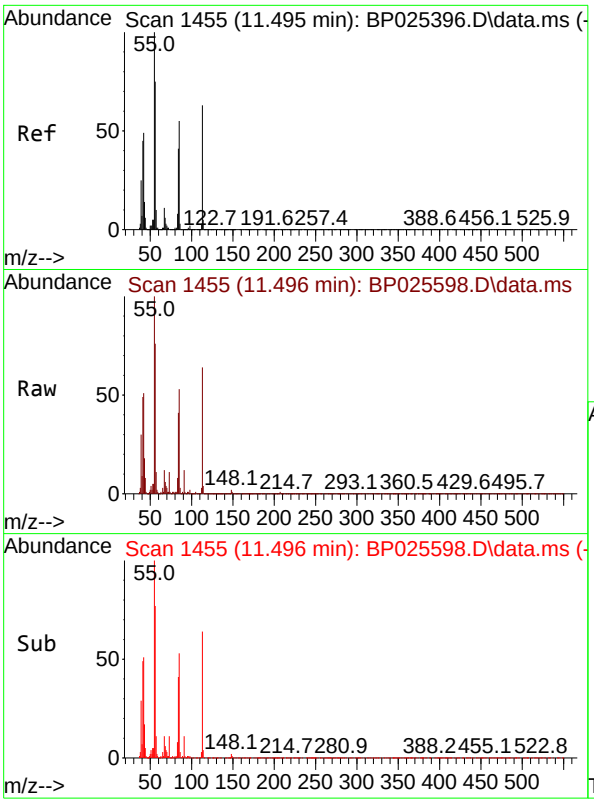


#34
Hexachlorobutadiene
Concen: 42.953 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:225 Resp: 279348

Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.0	75.0
227	63.5	49.7	74.5



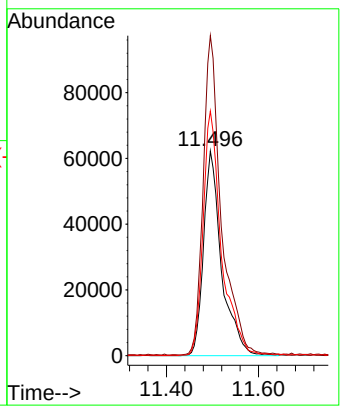


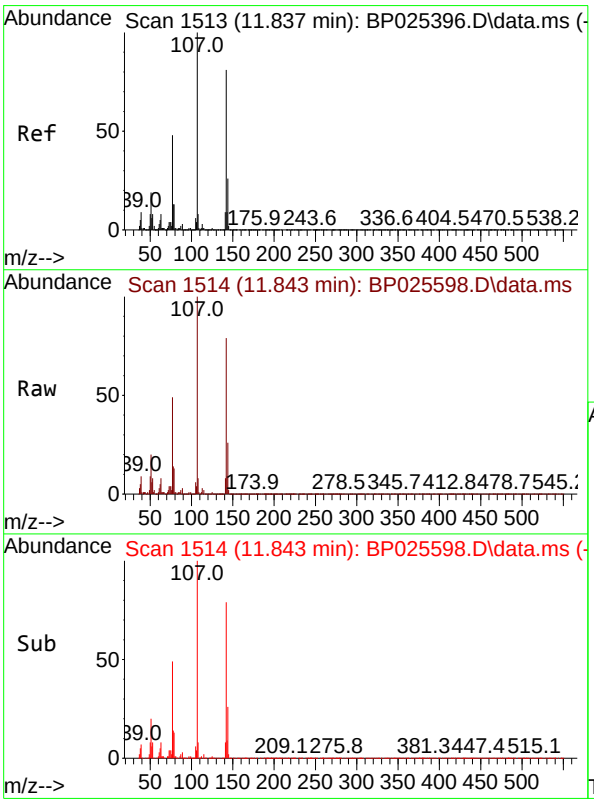
#35
Caprolactam
Concen: 48.609 ng
RT: 11.496 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:113 Resp: 169799

Ion	Ratio	Lower	Upper
113	100		
55	156.4	140.0	180.0
56	119.6	100.0	140.0

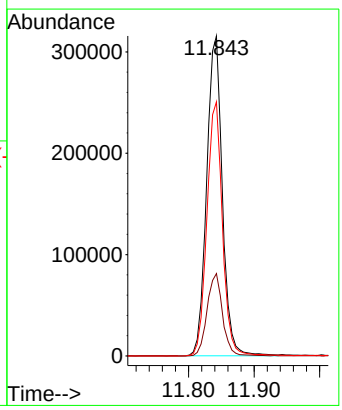


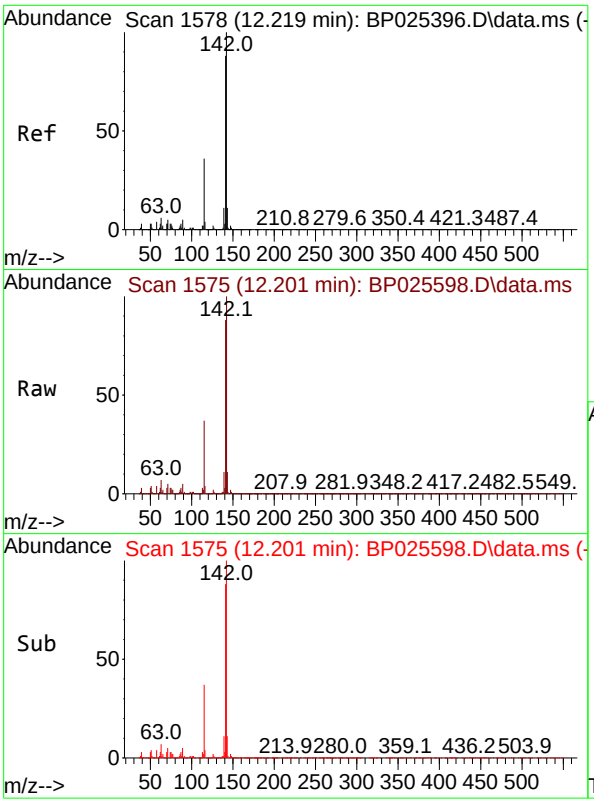


#36
4-Chloro-3-methylphenol
Concen: 47.987 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:107 Resp: 524556

Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.4
142	79.4	64.6	97.0



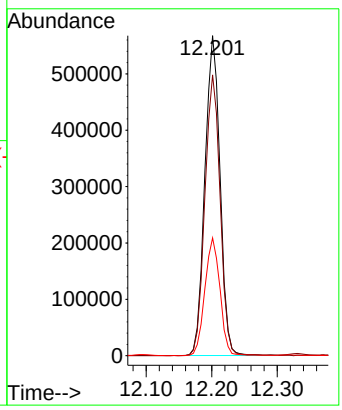


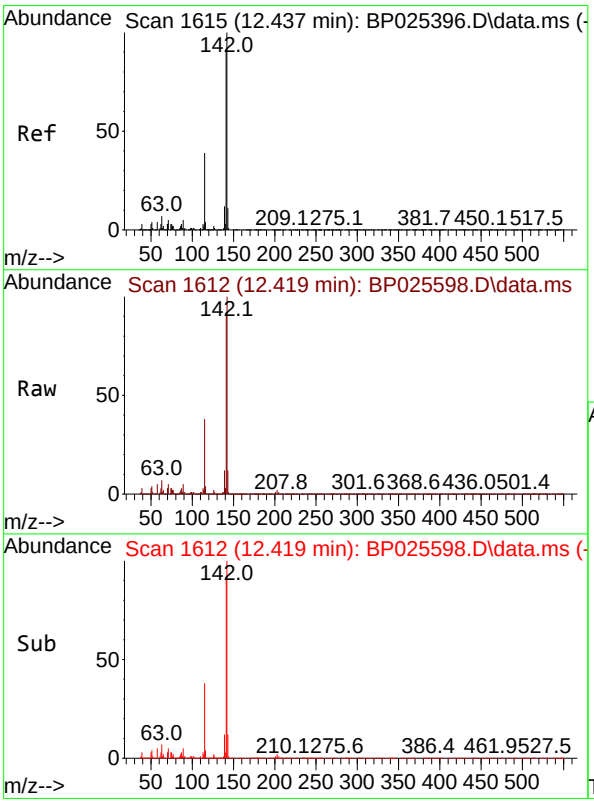
#37
2-Methylnaphthalene
Concen: 43.929 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:142 Resp: 913846

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	36.8	28.9	43.3

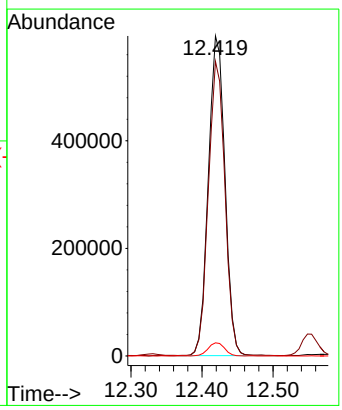


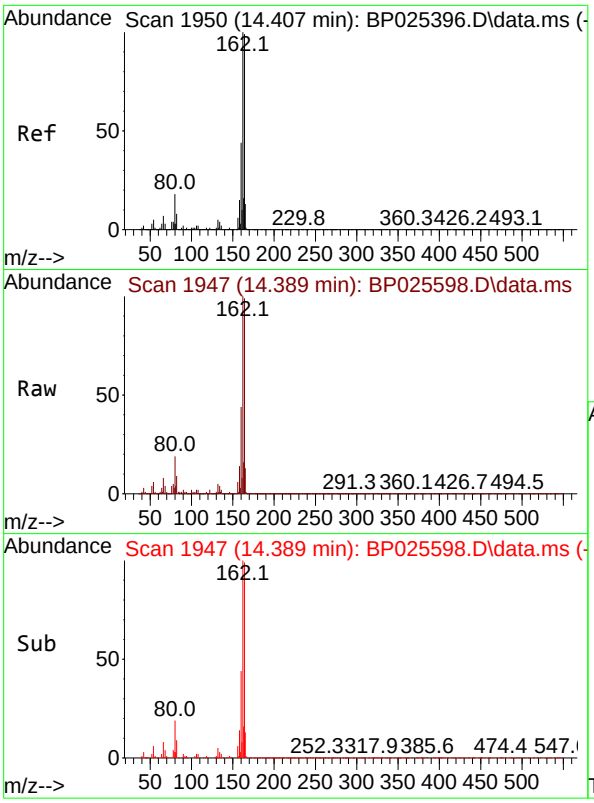


#38
1-Methylnaphthalene
Concen: 43.582 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:142 Resp: 964156

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.1	109.7
116	4.1	3.2	4.8



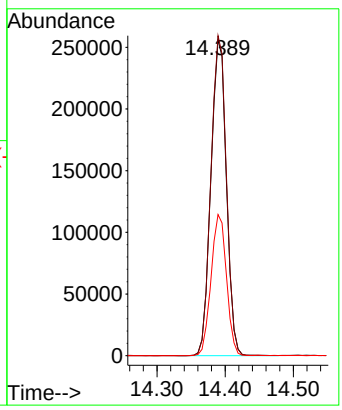


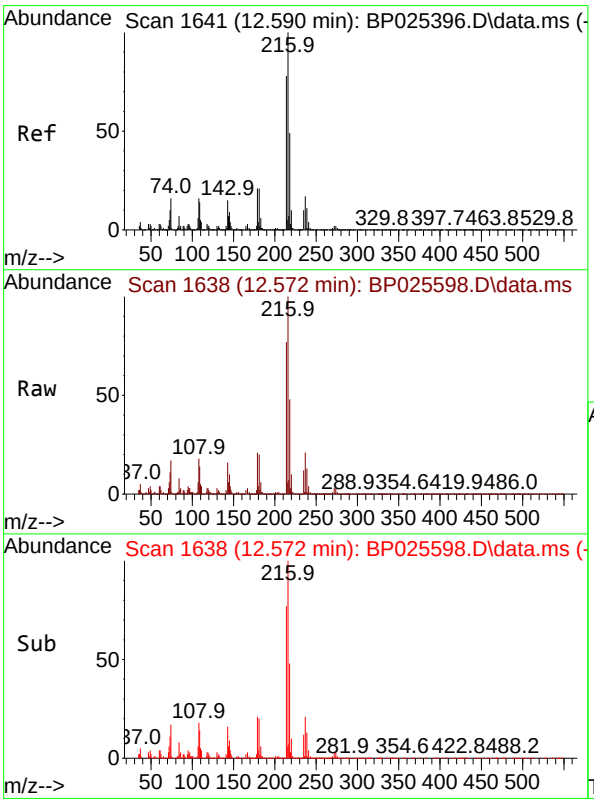
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:164 Resp: 404292

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.0	121.6
160	44.6	35.4	53.2

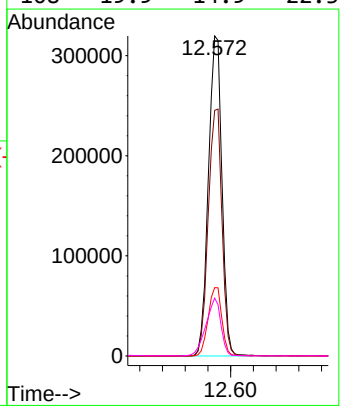


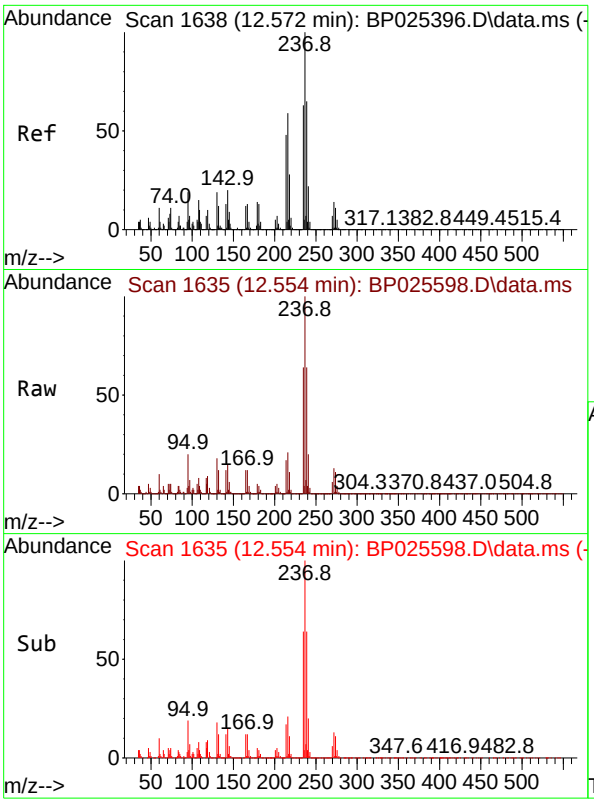


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.060 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:216 Resp: 526139

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.5	17.1	25.7
108	19.9	14.9	22.3



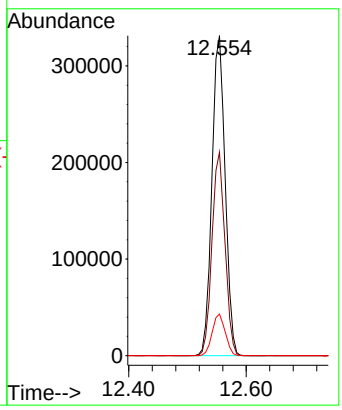


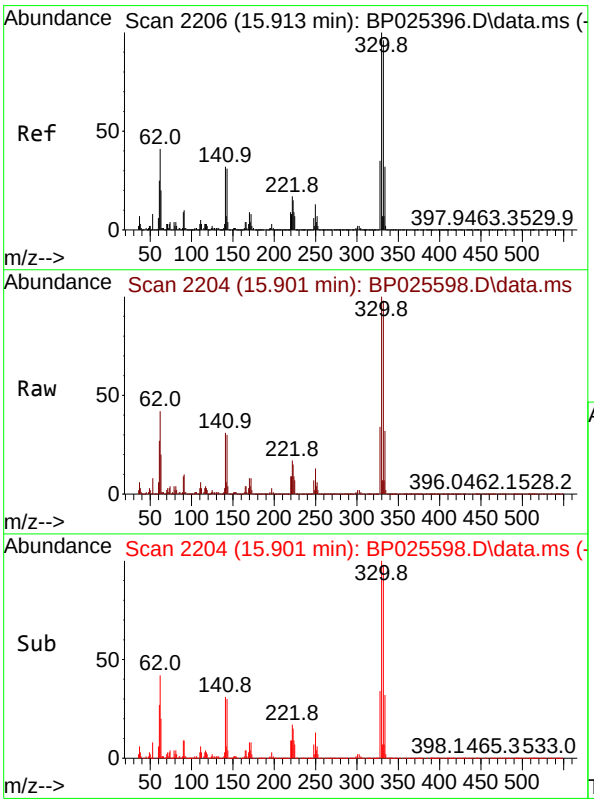
#41
Hexachlorocyclopentadiene
Concen: 73.254 ng
RT: 12.554 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:237 Resp: 516663

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.7	82.7
272	13.0	0.0	34.0

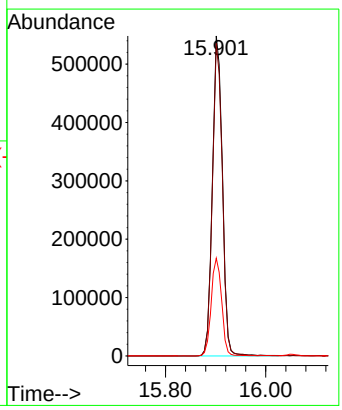


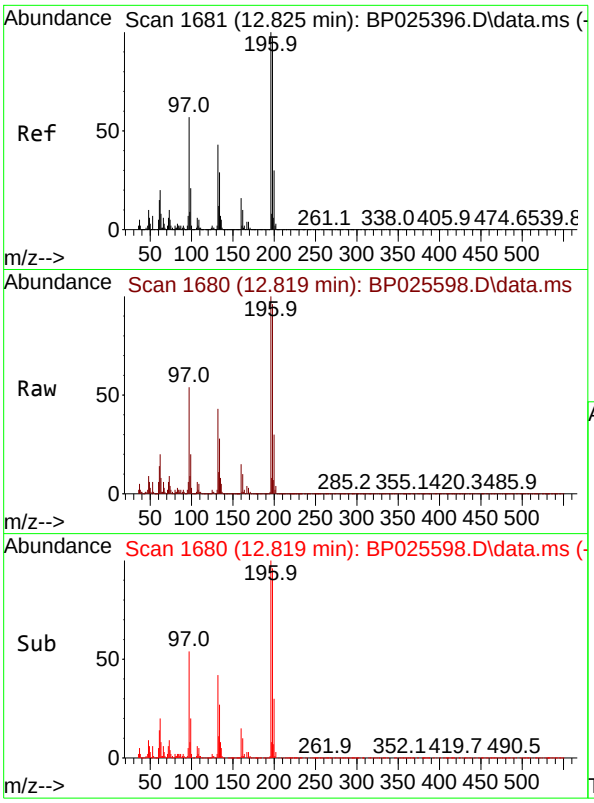


#42
2,4,6-Tribromophenol
Concen: 139.751 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:330 Resp: 760500

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	31.7	26.6	39.8



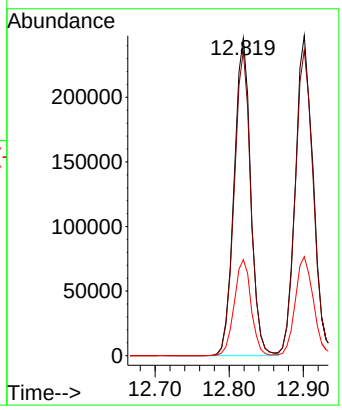


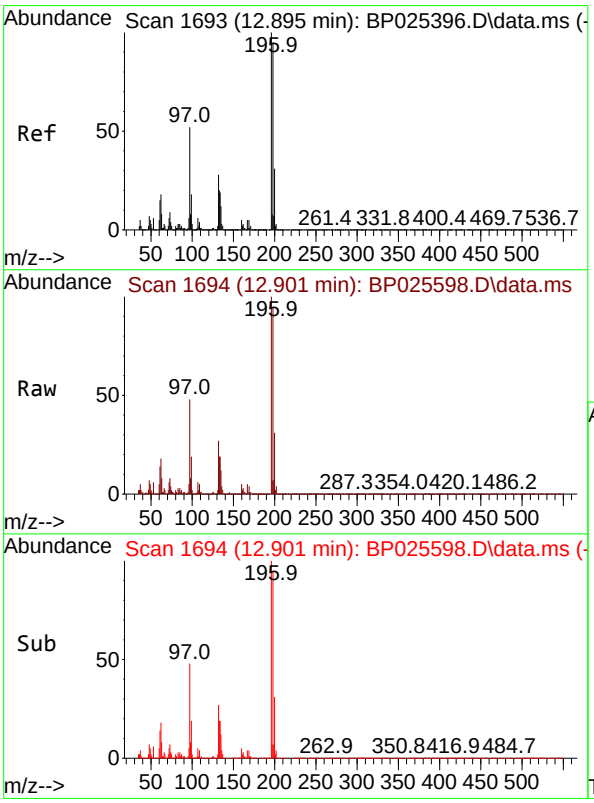
#43
2,4,6-Trichlorophenol
Concen: 48.516 ng
RT: 12.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:196 Resp: 382444

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.2	115.8
200	30.3	23.9	35.9

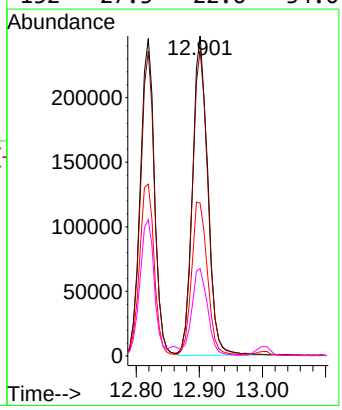


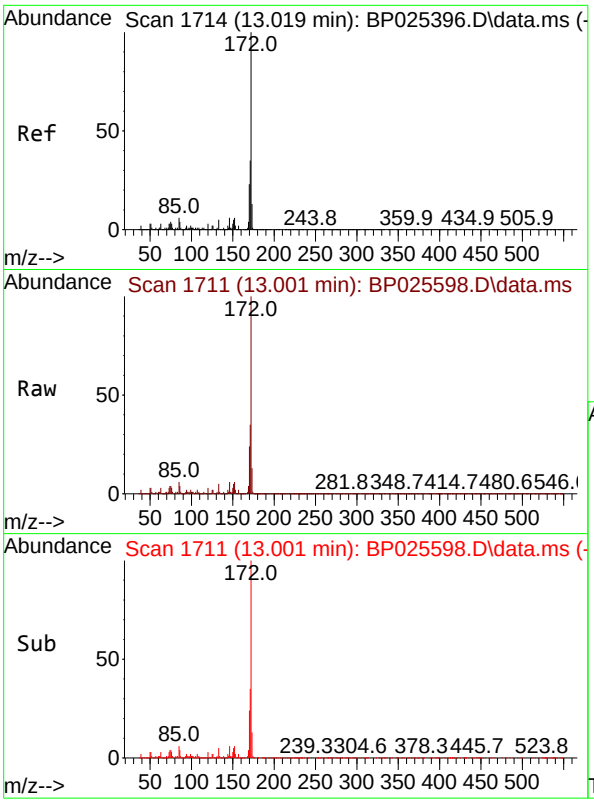


#44
2,4,5-Trichlorophenol
Concen: 48.086 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:196 Resp: 415430

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.2
97	47.7	41.2	61.8
132	27.3	22.6	34.0



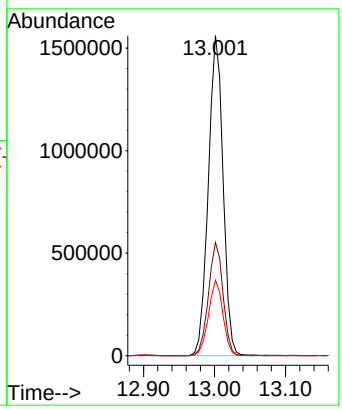


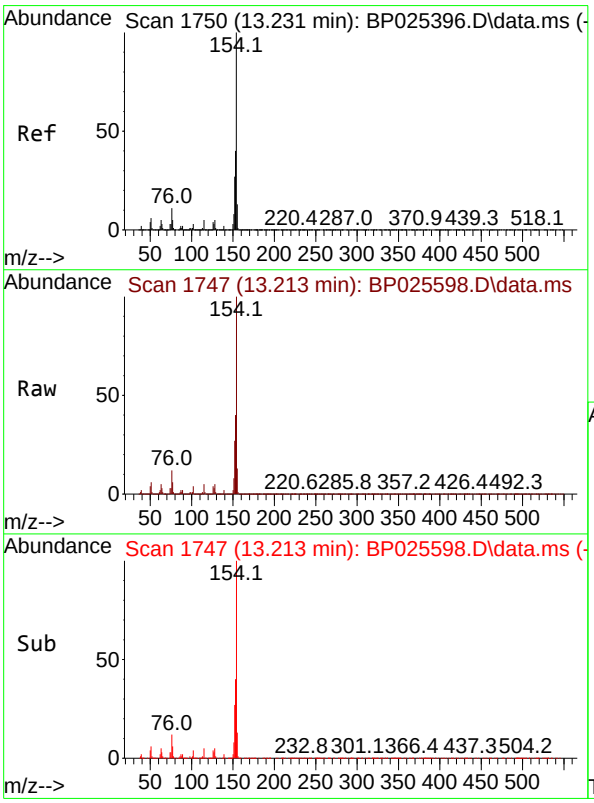
#45
2-Fluorobiphenyl
Concen: 76.139 ng
RT: 13.001 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:172 Resp: 2252347

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	23.6	18.6	28.0

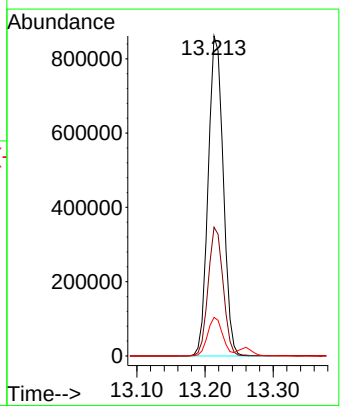


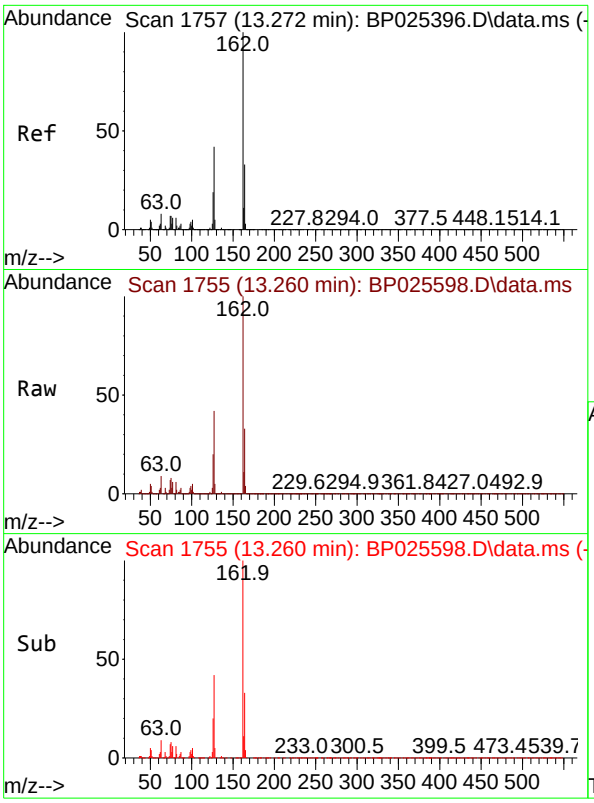


#46
1,1'-Biphenyl
Concen: 45.110 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:154 Resp: 1324535

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	12.1	0.0	31.1



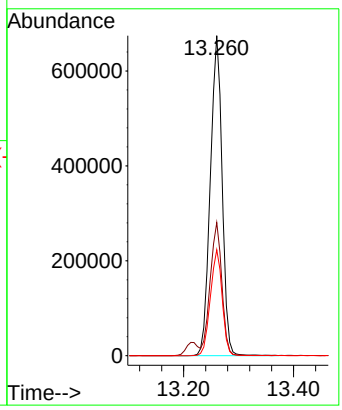


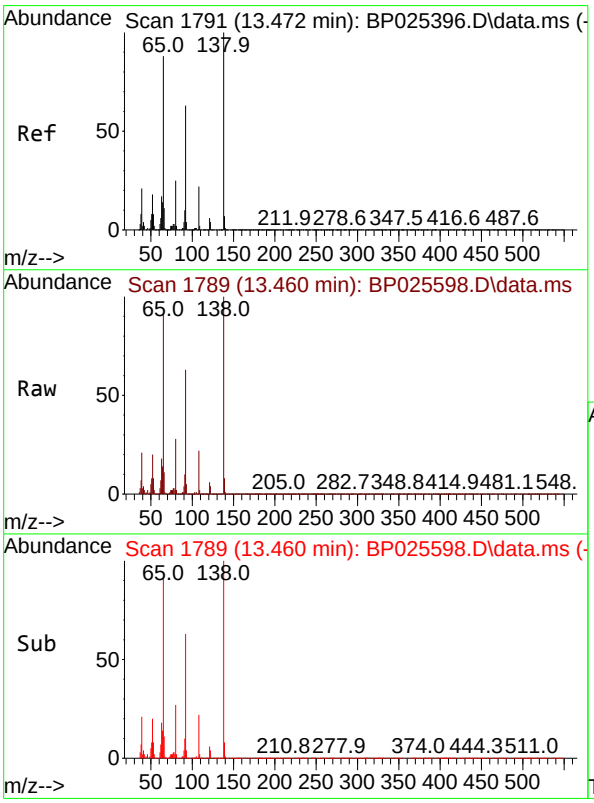
#47
2-Chloronaphthalene
Concen: 44.140 ng
RT: 13.260 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:162 Resp: 1008960

Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.4	50.2
164	33.1	26.2	39.2

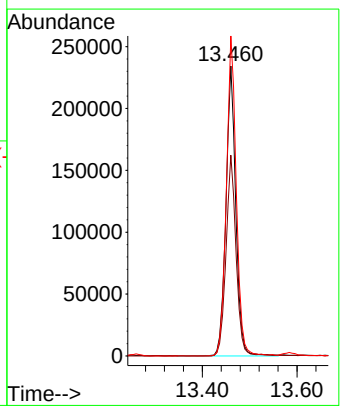


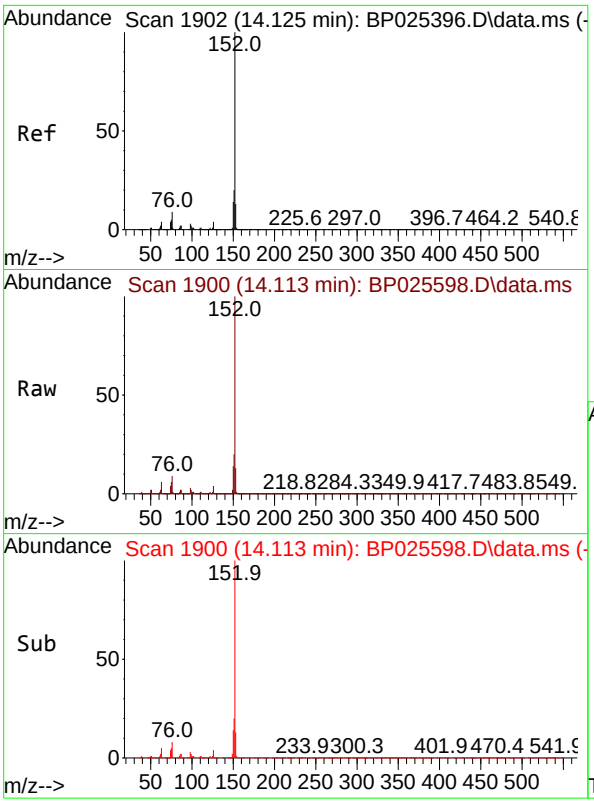


#48
2-Nitroaniline
Concen: 51.059 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 65 Resp: 340067

Ion	Ratio	Lower	Upper
65	100		
92	69.3	57.6	86.4
138	110.4	91.0	136.6



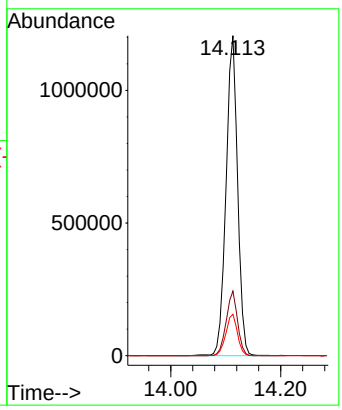


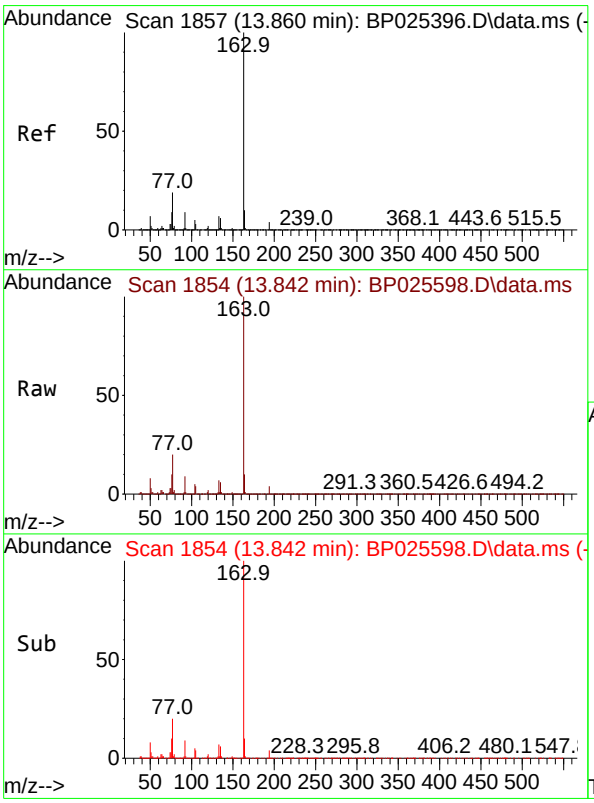
#49
Acenaphthylene
Concen: 46.477 ng
RT: 14.113 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:152 Resp: 1757916

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.0	10.6	15.8

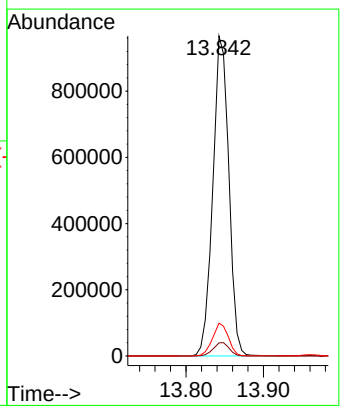


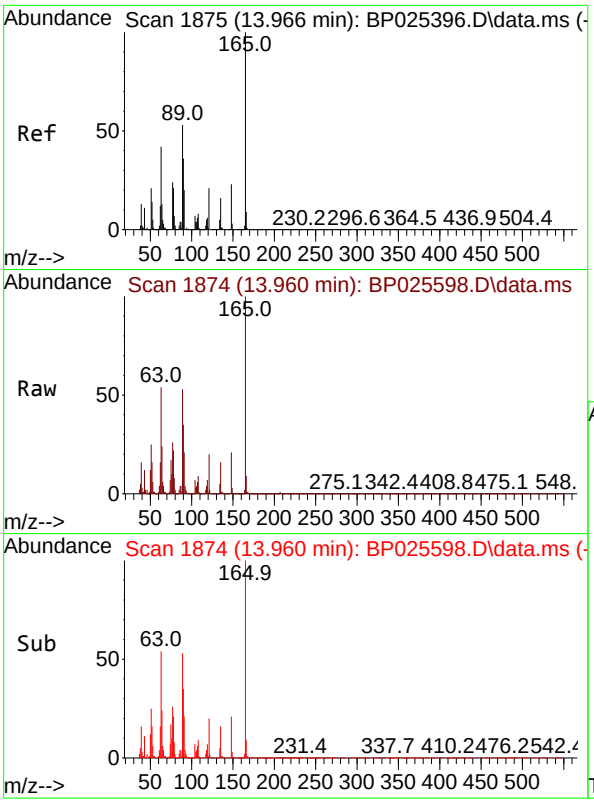


#50
Dimethylphthalate
Concen: 46.949 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:163 Resp: 1389966

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	7.9	11.9



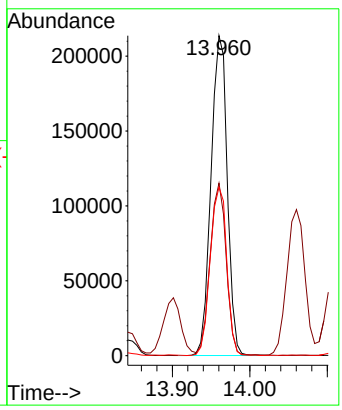


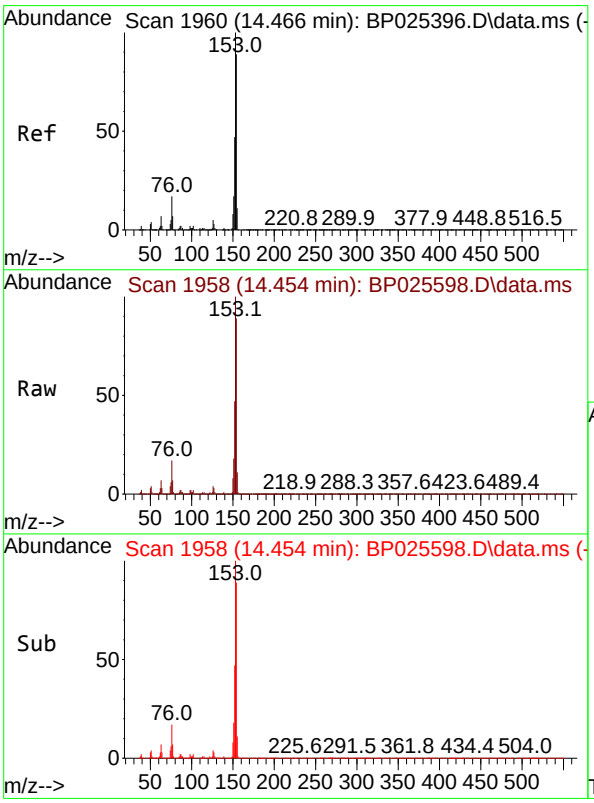
#51
2,6-Dinitrotoluene
Concen: 49.834 ng
RT: 13.960 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:165 Resp: 310968

Ion	Ratio	Lower	Upper
165	100		
63	53.9	40.9	61.3
89	52.7	42.1	63.1

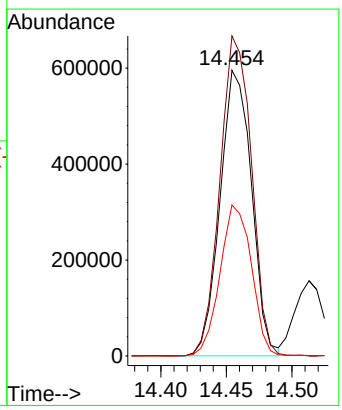


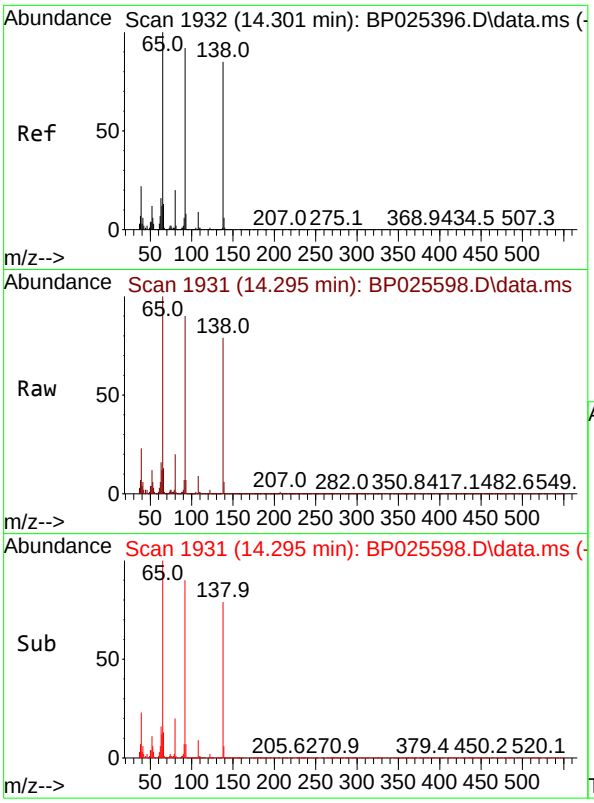


#52
Acenaphthene
Concen: 44.794 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:154 Resp: 994508

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.2	135.2
152	52.9	42.1	63.1



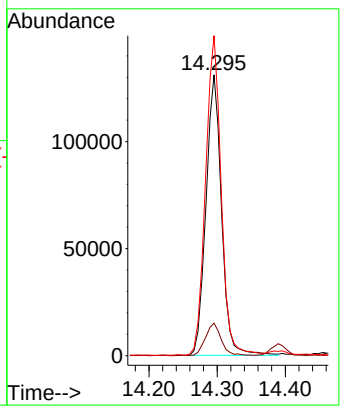


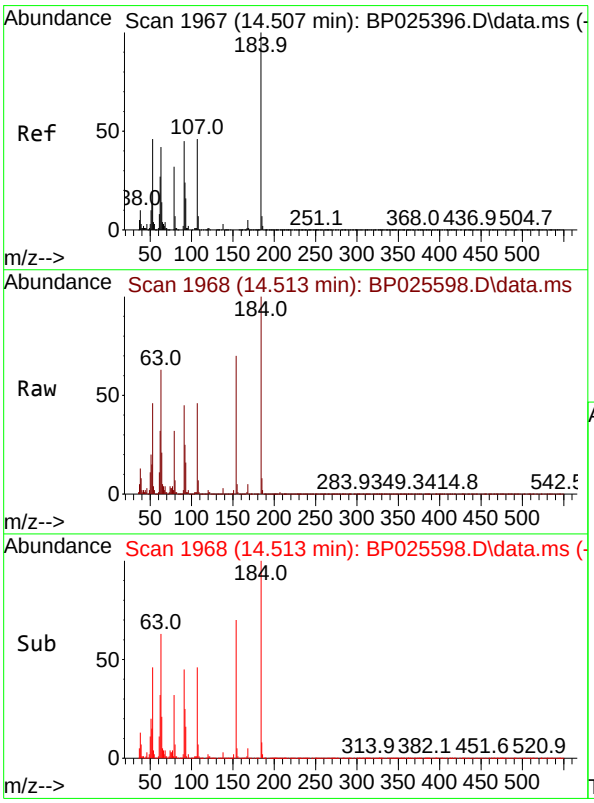
#53
3-Nitroaniline
Concen: 29.714 ng
RT: 14.295 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:138 Resp: 208610

Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.3	12.5
92	114.0	86.2	129.2

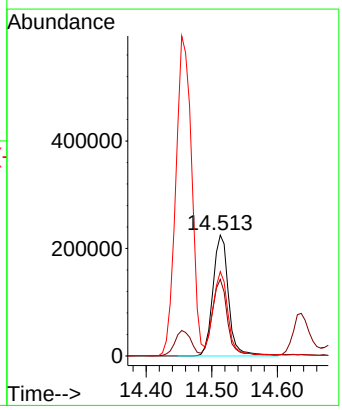


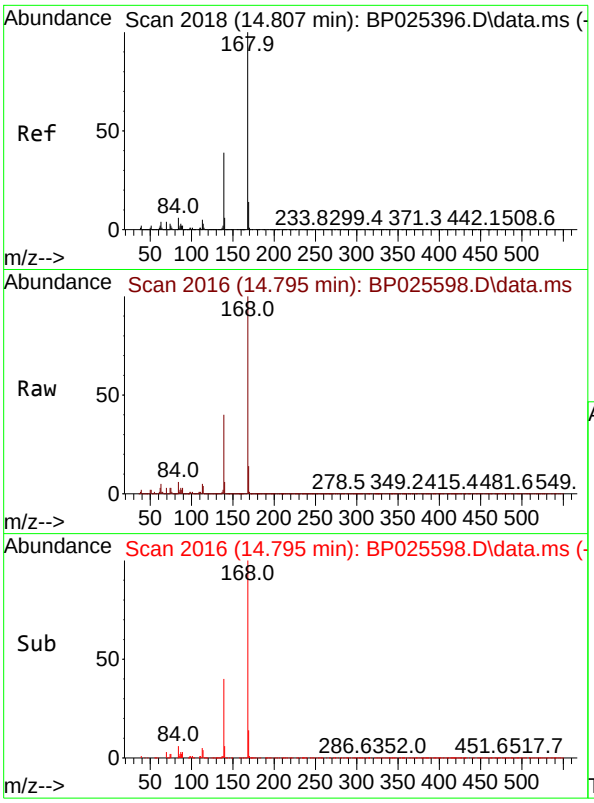


#54
2,4-Dinitrophenol
Concen: 111.480 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:184 Resp: 371494

Ion	Ratio	Lower	Upper
184	100		
63	63.4	49.4	74.2
154	69.8	54.6	82.0



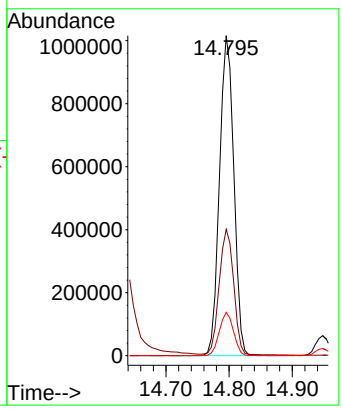


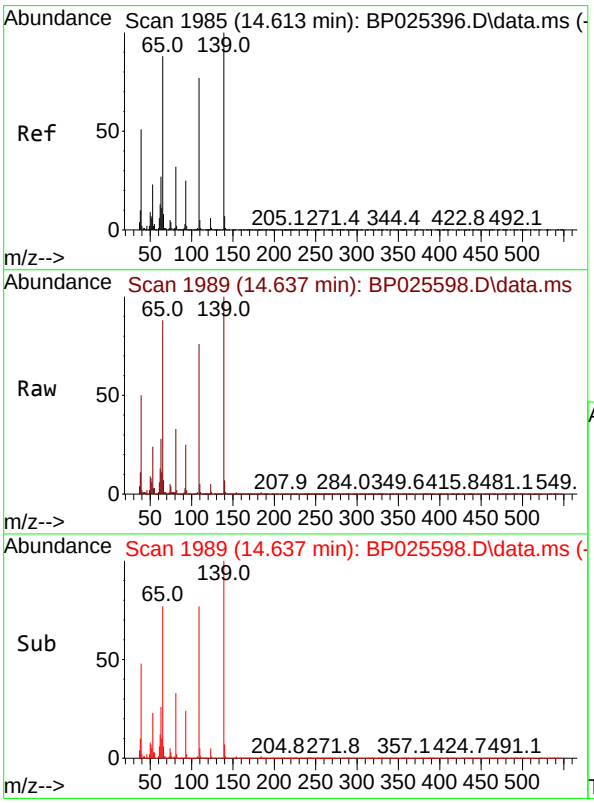
#55
Dibenzofuran
Concen: 45.542 ng
RT: 14.795 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:168 Resp: 1598571

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.5	47.3
169	13.6	10.9	16.3

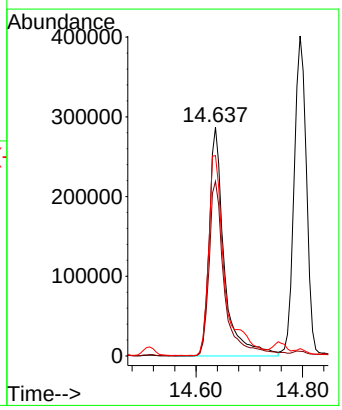


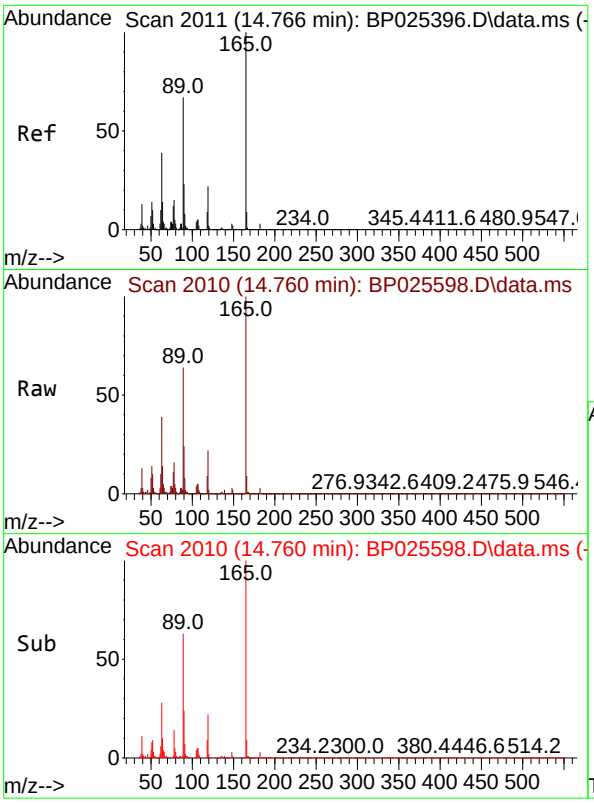


#56
4-Nitrophenol
Concen: 96.869 ng
RT: 14.637 min Scan# 1989
Delta R.T. 0.024 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:139 Resp: 558851

Ion	Ratio	Lower	Upper
139	100		
109	76.3	56.6	96.6
65	87.5	68.2	108.2



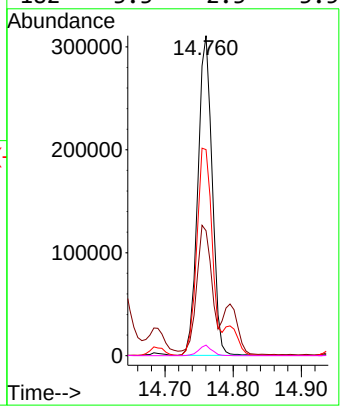


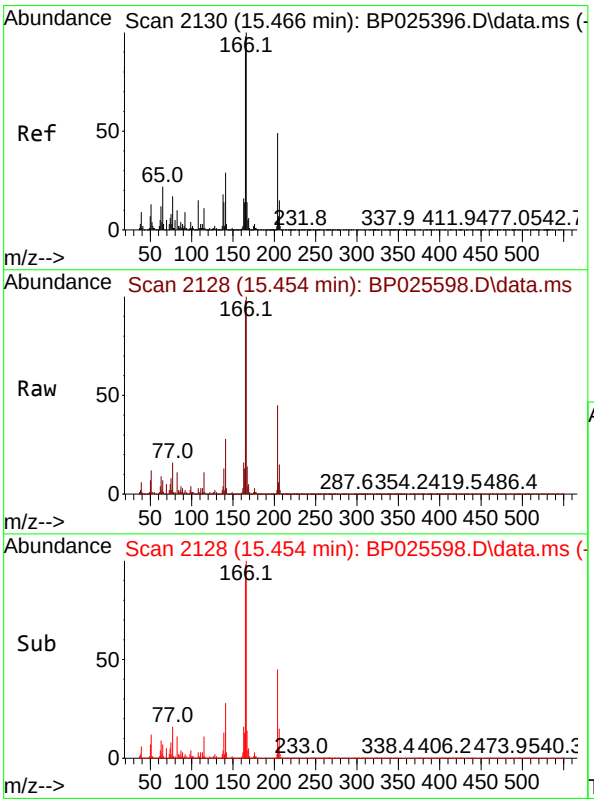
#57
2,4-Dinitrotoluene
Concen: 50.781 ng
RT: 14.760 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:165 Resp: 452100

Ion	Ratio	Lower	Upper
165	100		
63	39.1	31.4	47.2
89	64.4	53.3	79.9
182	3.3	2.3	3.5

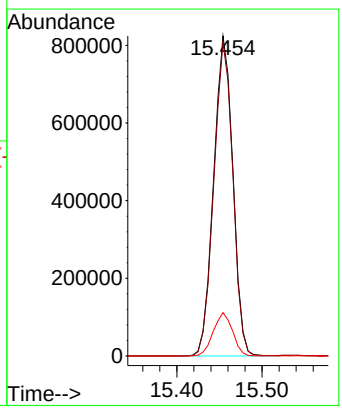


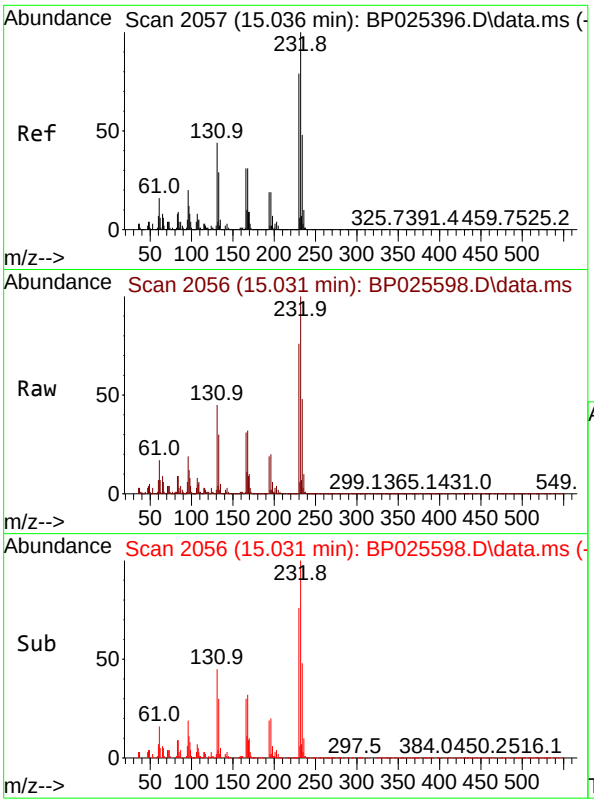


#58
Fluorene
Concen: 46.806 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:166 Resp: 1296385

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.8	118.2
167	13.5	11.0	16.4



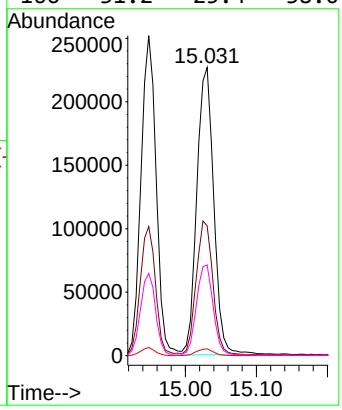


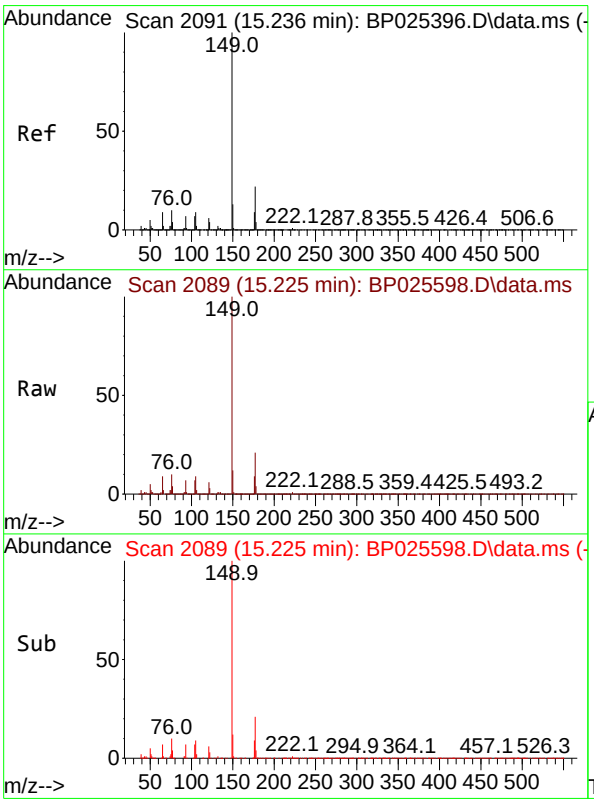
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.388 ng
RT: 15.031 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:232 Resp: 376756

Ion	Ratio	Lower	Upper
232	100		
131	45.6	37.0	55.6
130	2.4	1.9	2.9
166	31.2	25.4	38.0

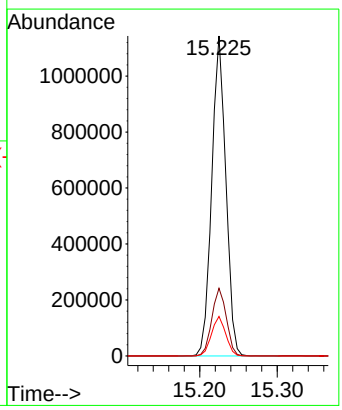


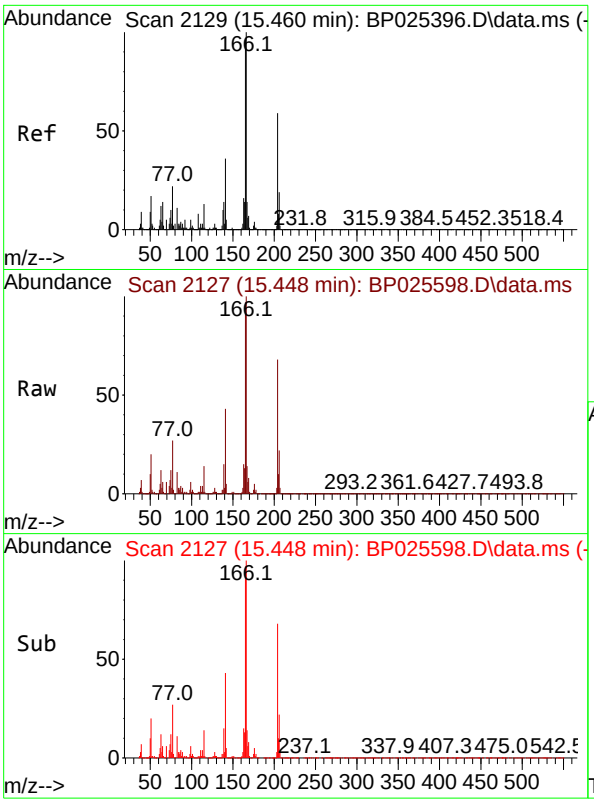


#60
Diethylphthalate
Concen: 47.987 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:149 Resp: 1443571

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.3	25.9
150	12.4	10.3	15.5



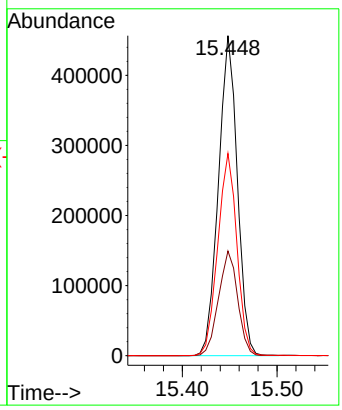


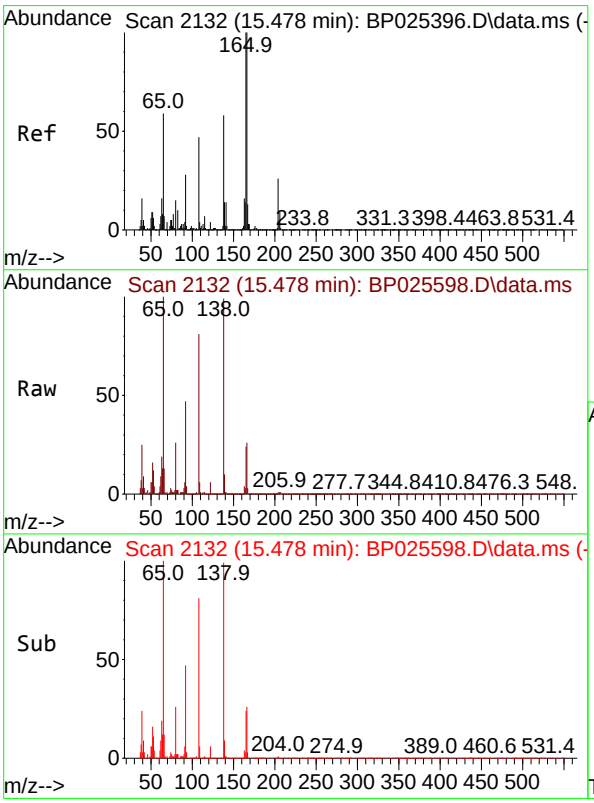
#61
4-Chlorophenyl-phenylether
Concen: 46.063 ng
RT: 15.448 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:204 Resp: 634515

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	63.2	49.4	74.2

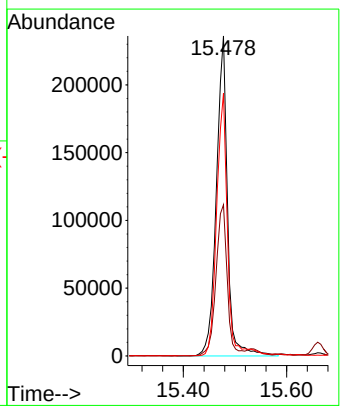


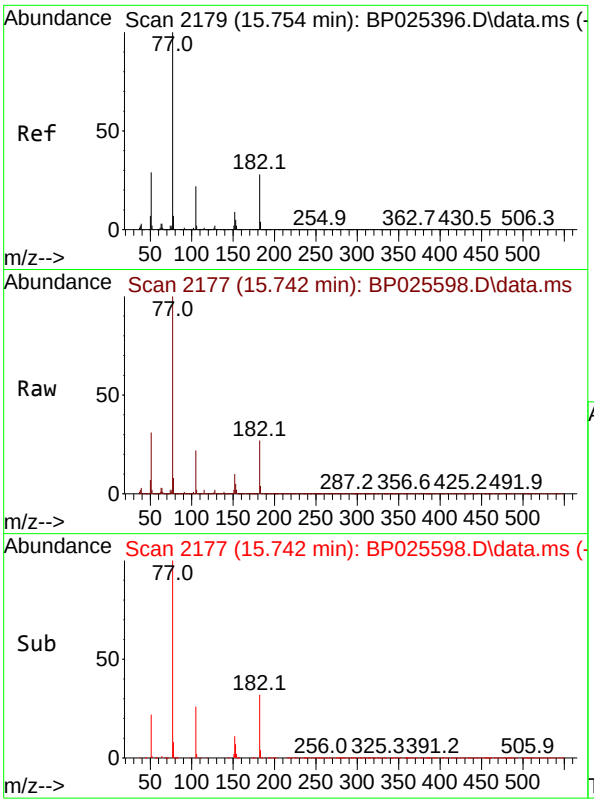


#62
4-Nitroaniline
Concen: 49.190 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:138 Resp: 354037

Ion	Ratio	Lower	Upper
138	100		
92	47.3	29.1	69.1
108	82.1	61.5	101.5



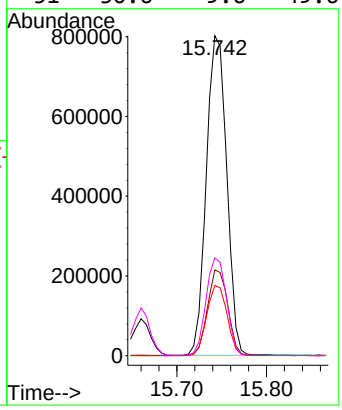


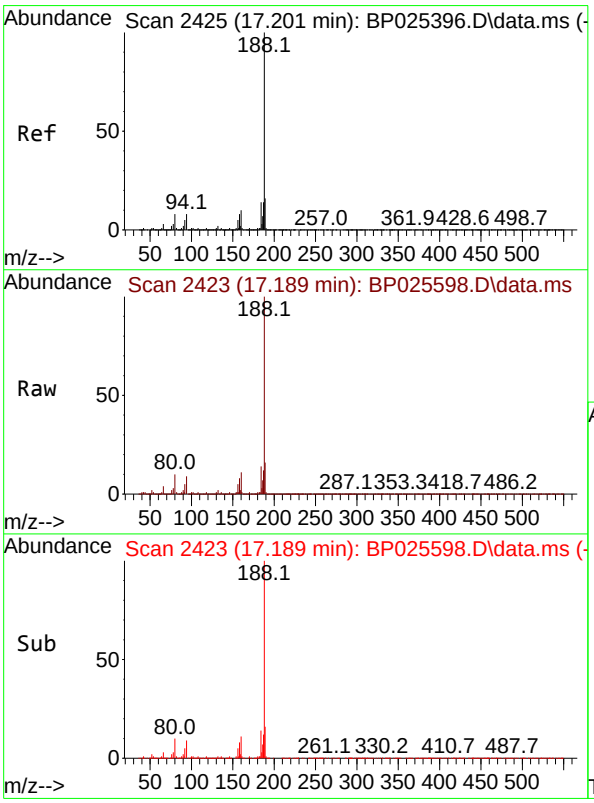
#63
Azobenzene
Concen: 49.158 ng
RT: 15.742 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 77 Resp: 1266252

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.5	47.5
105	22.0	2.1	42.1
51	30.6	9.6	49.6

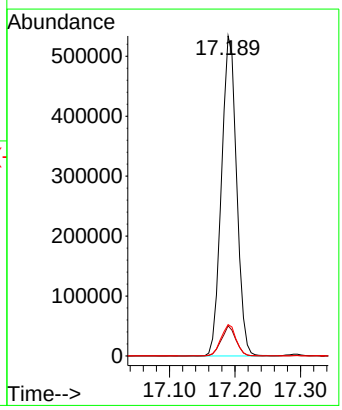


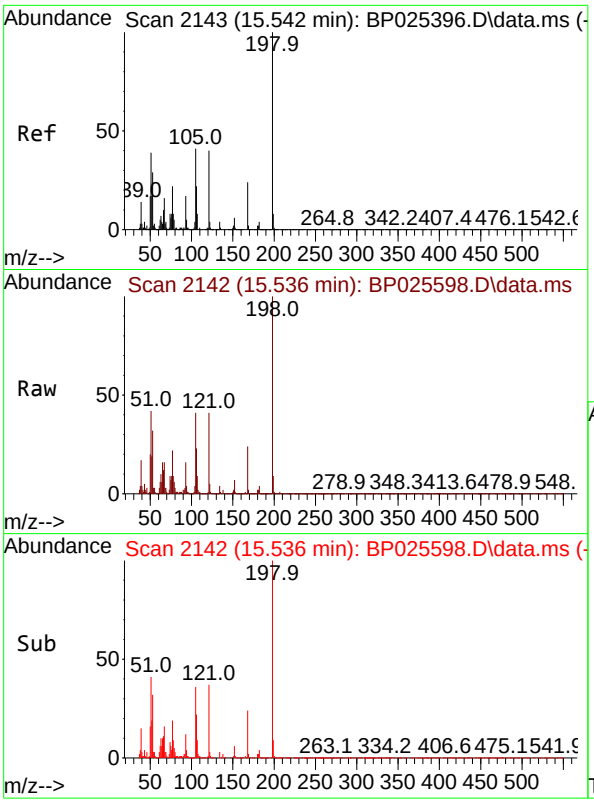


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:188 Resp: 853901

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	10.0
80	9.8	6.7	10.1



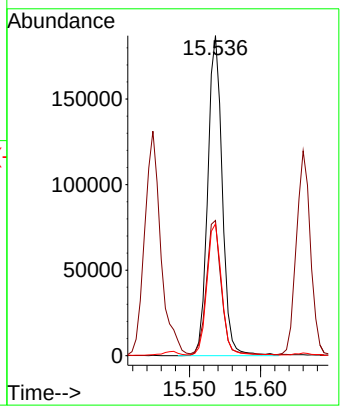


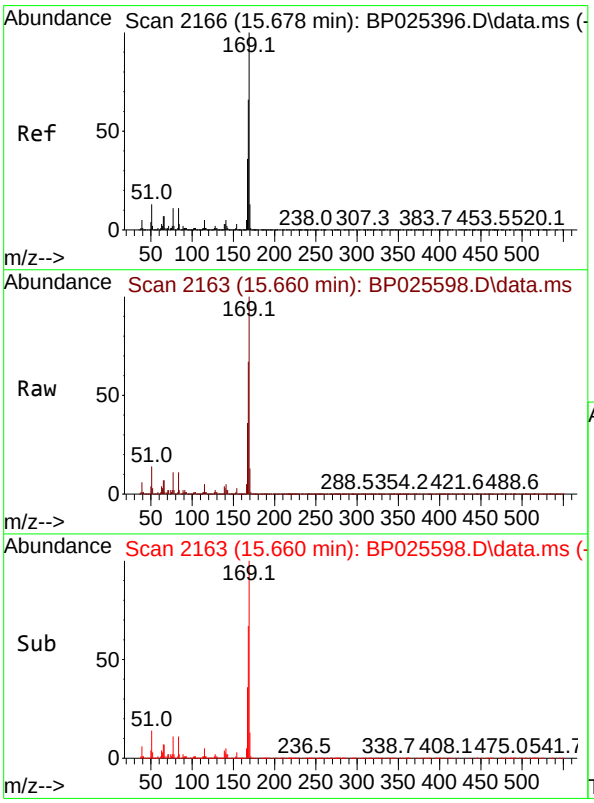
#65
4,6-Dinitro-2-methylphenol
Concen: 49.885 ng
RT: 15.536 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:198 Resp: 265528

Ion	Ratio	Lower	Upper
198	100		
51	42.3	19.6	59.6
105	41.2	20.9	60.9

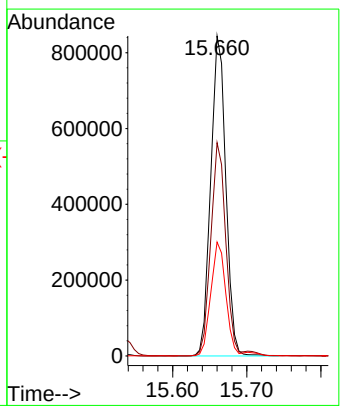


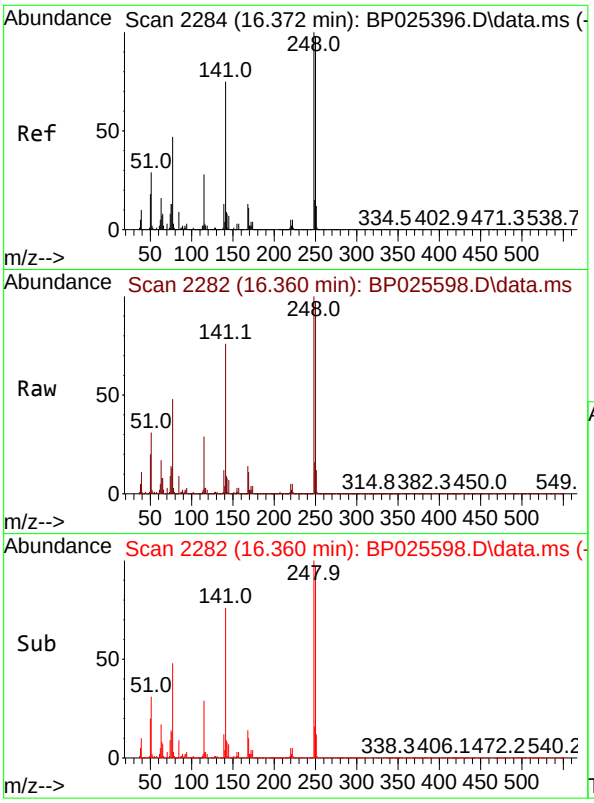


#66
n-Nitrosodiphenylamine
Concen: 45.853 ng
RT: 15.660 min Scan# 2163
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:169 Resp: 1193960

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	35.6	28.7	43.1



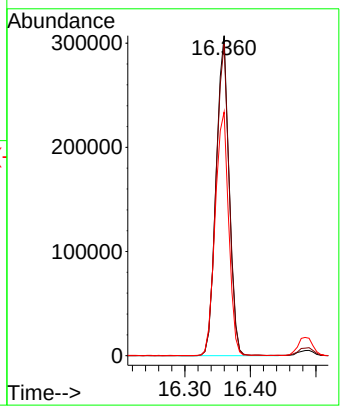


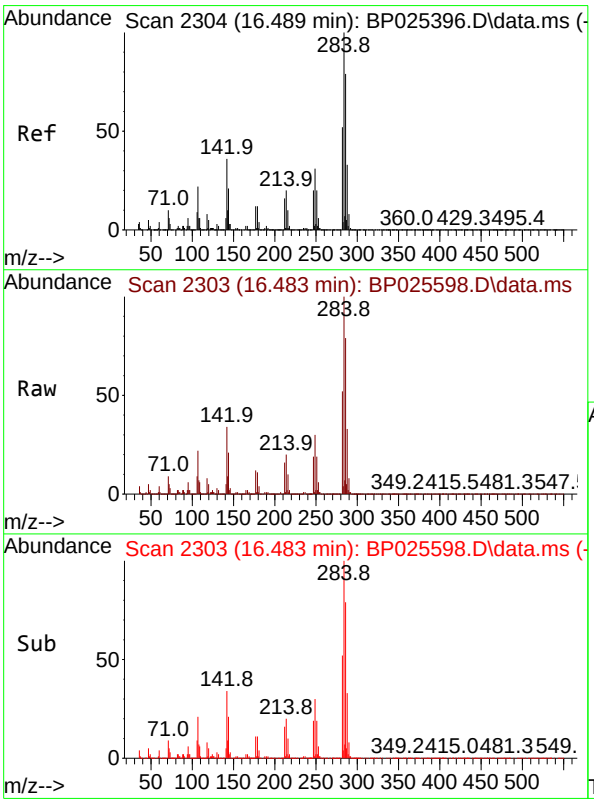
#67
4-Bromophenyl-phenylether
Concen: 44.965 ng
RT: 16.360 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:248 Resp: 422284

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.2	117.2
141	76.1	59.6	89.4

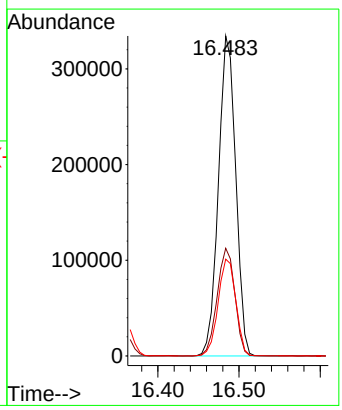


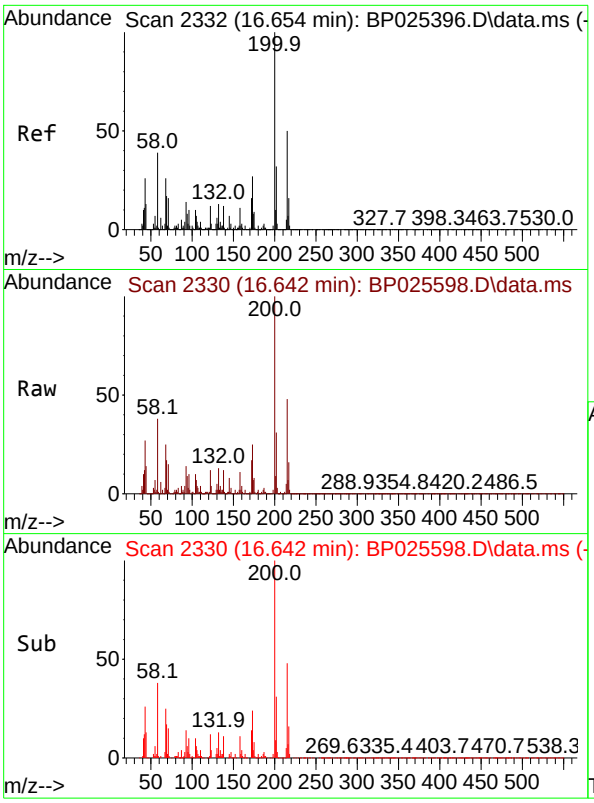


#68
Hexachlorobenzene
Concen: 45.538 ng
RT: 16.483 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:284 Resp: 495747

Ion	Ratio	Lower	Upper
284	100		
142	33.7	29.1	43.7
249	30.3	25.0	37.4



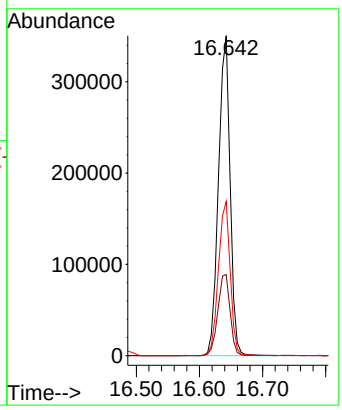


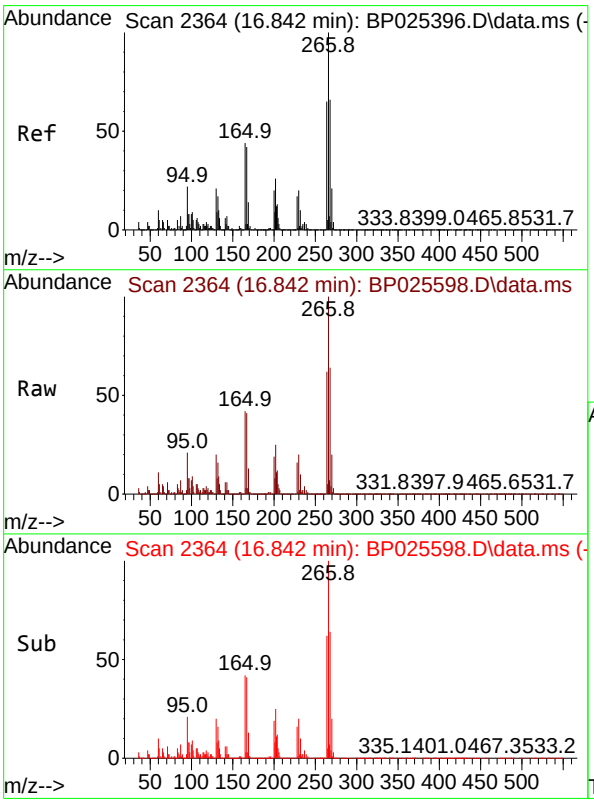
#69
Atrazine
Concen: 45.940 ng
RT: 16.642 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:200 Resp: 447985

Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.7	46.7
215	48.2	29.7	69.7

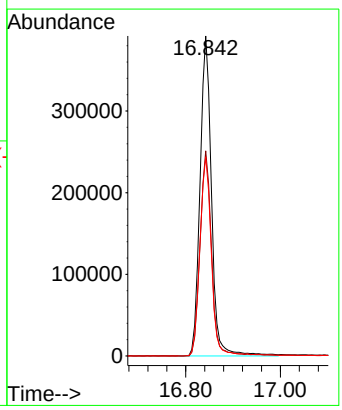


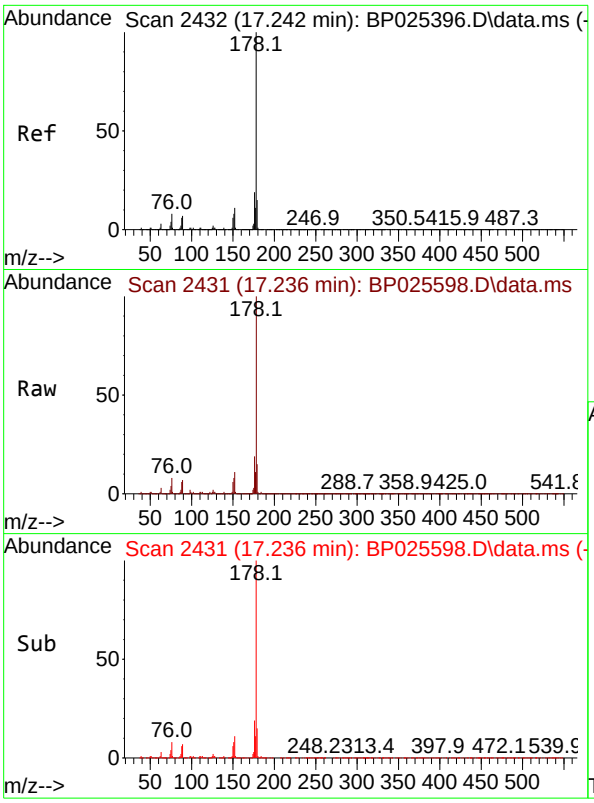


#70
Pentachlorophenol
Concen: 95.643 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:266 Resp: 657272

Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.6	79.0
264	62.3	52.0	78.0



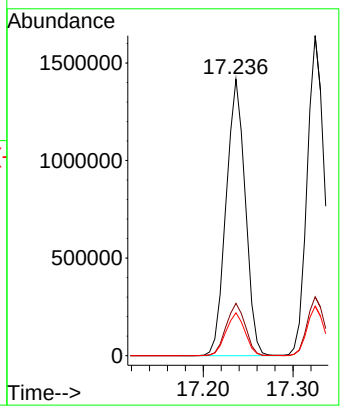


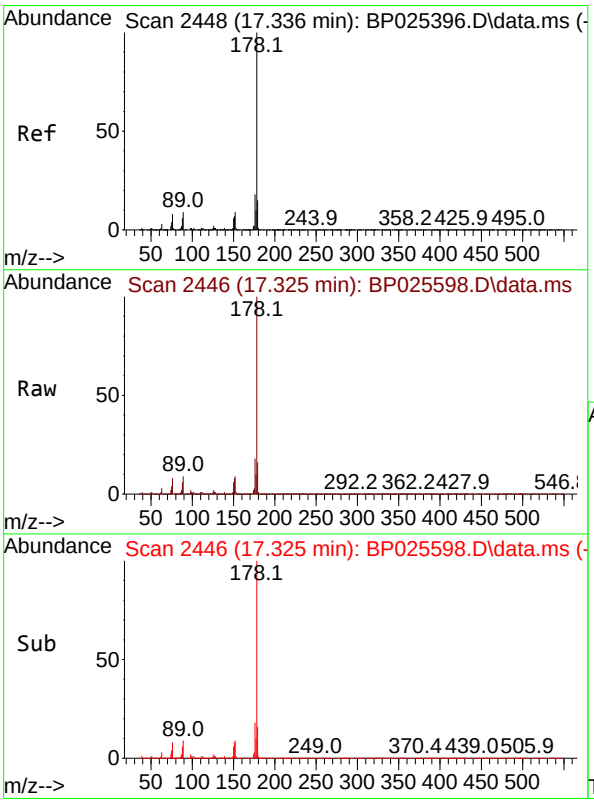
#71
Phenanthrene
Concen: 44.783 ng
RT: 17.236 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:178 Resp: 2100644

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.5	12.2	18.4

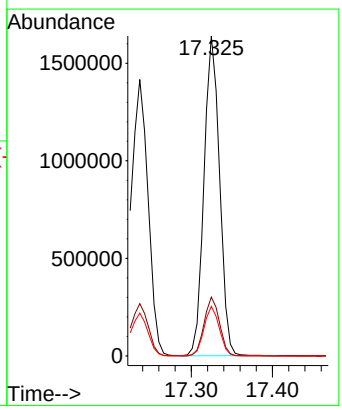


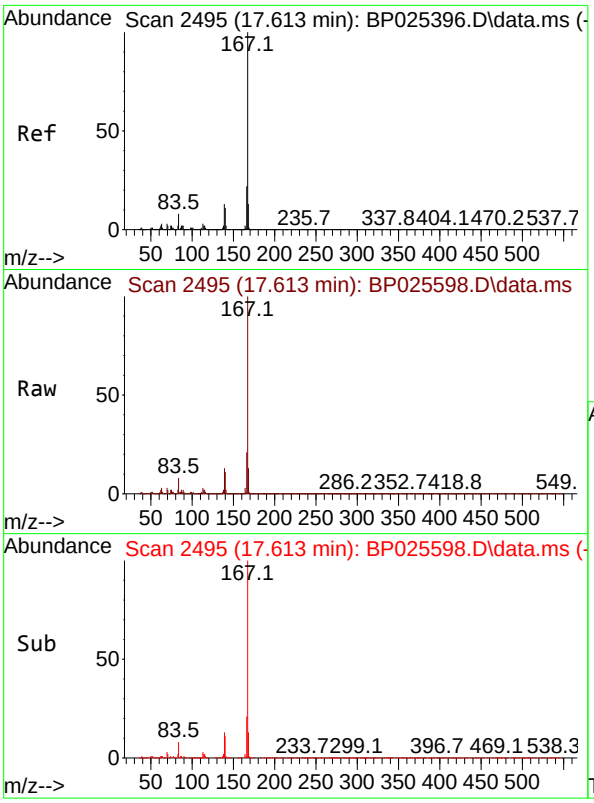


#72
Anthracene
Concen: 45.493 ng
RT: 17.325 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:178 Resp: 2179229

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.5	12.2	18.2



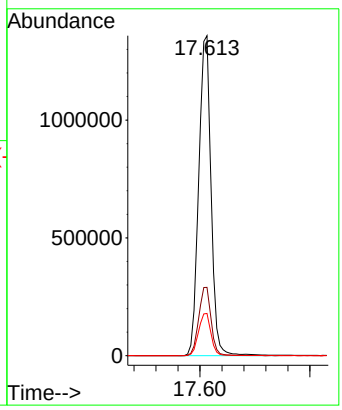


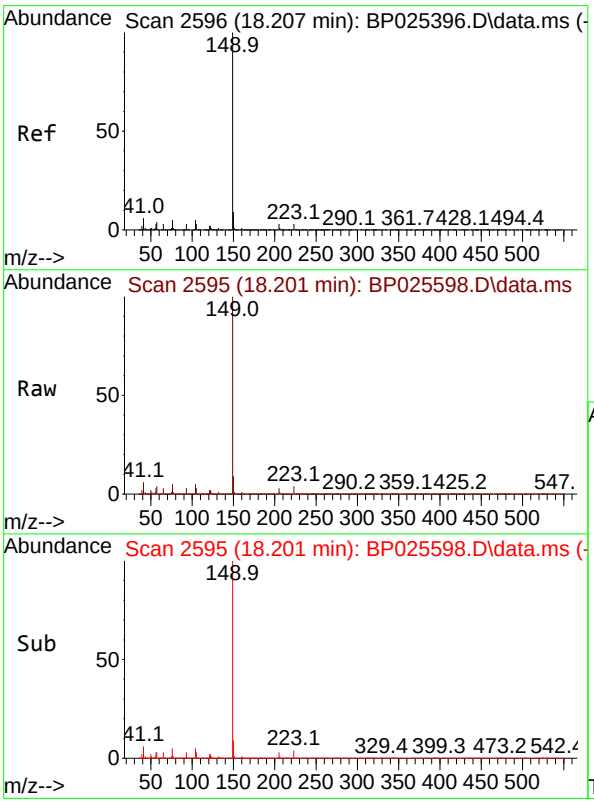
#73
Carbazole
Concen: 46.844 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:167 Resp: 2113591

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.2	10.6	16.0

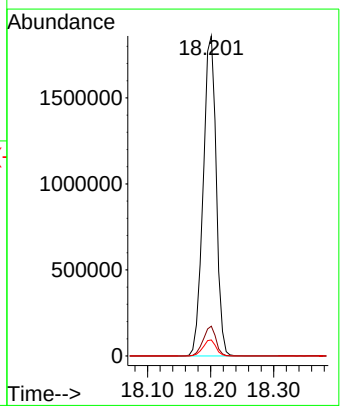


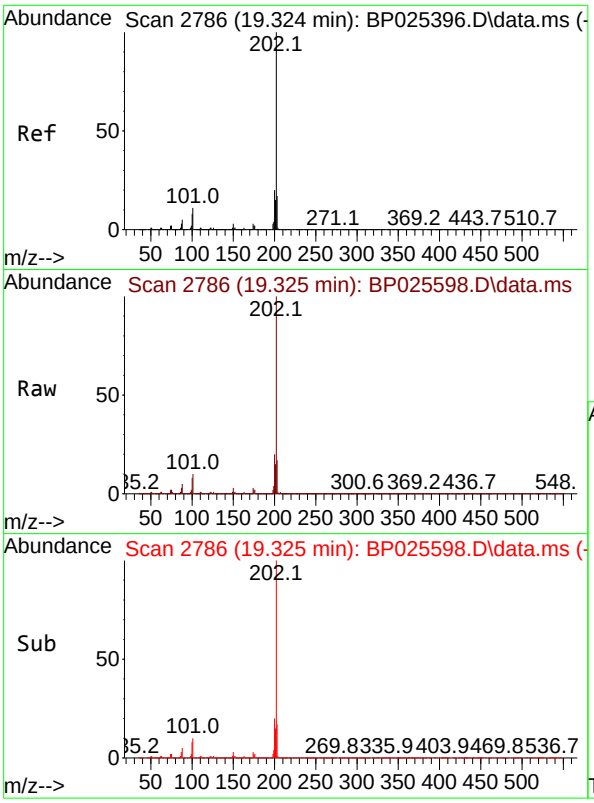


#74
Di-n-butylphthalate
Concen: 47.980 ng
RT: 18.201 min Scan# 2595
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:149 Resp: 2663481

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.2	6.2



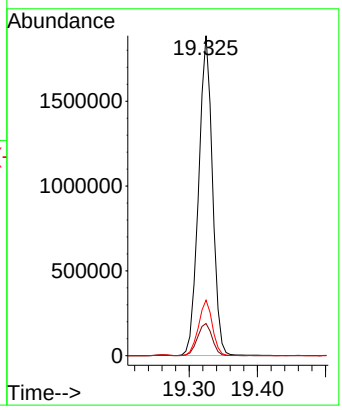


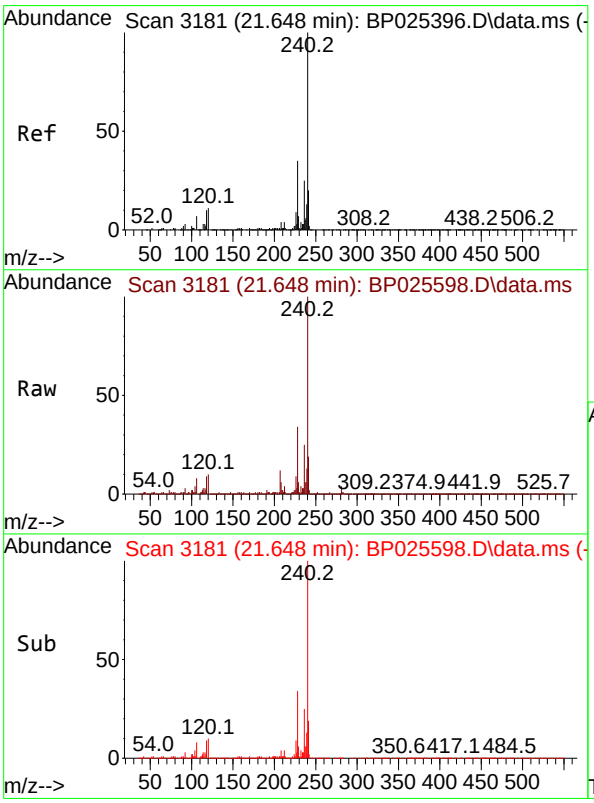
#75
Fluoranthene
Concen: 47.529 ng
RT: 19.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:202 Resp: 2659369

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.3	0.0	37.3

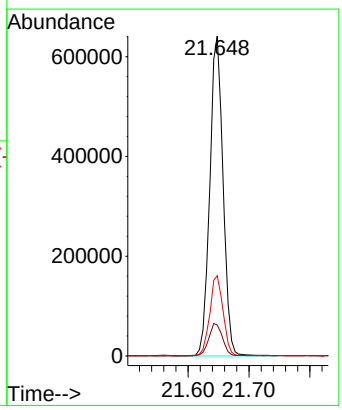


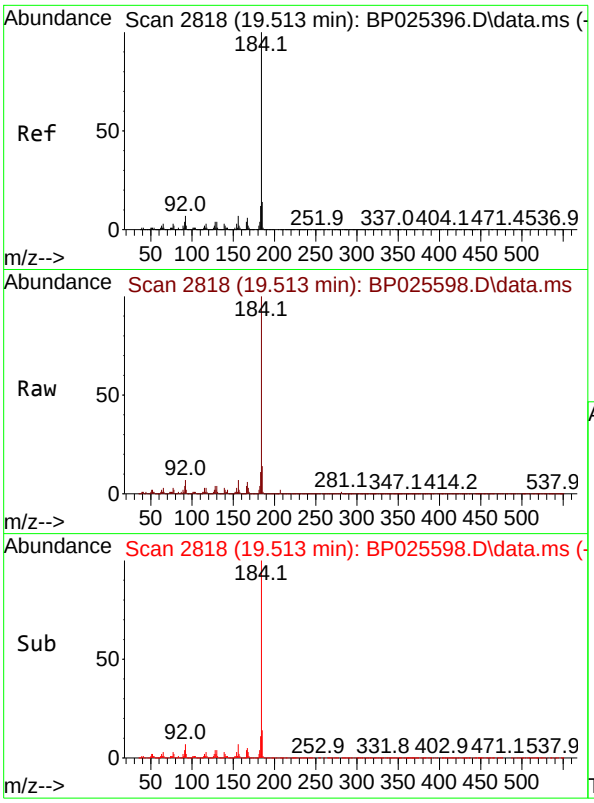


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:240 Resp: 969472

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.9	13.3
236	25.1	19.8	29.8



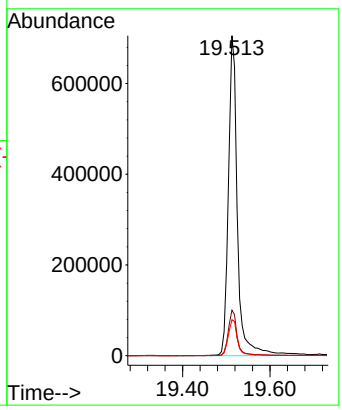


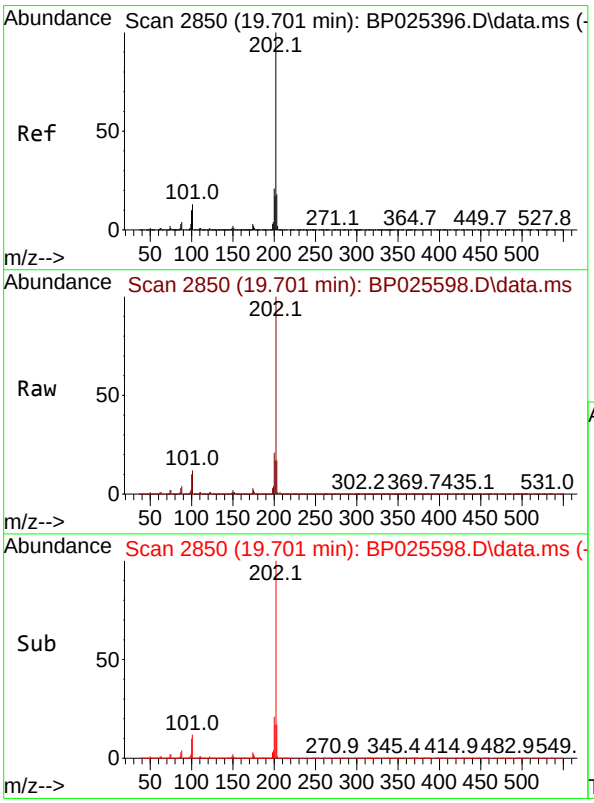
#77
Benzidine
Concen: 30.194 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:184 Resp: 999000

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.3	9.4	14.2

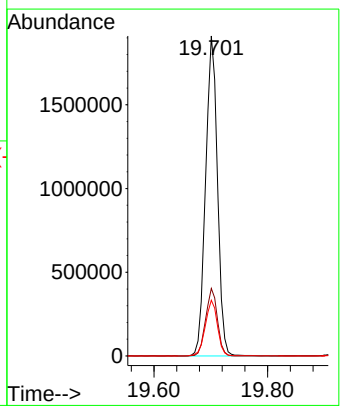


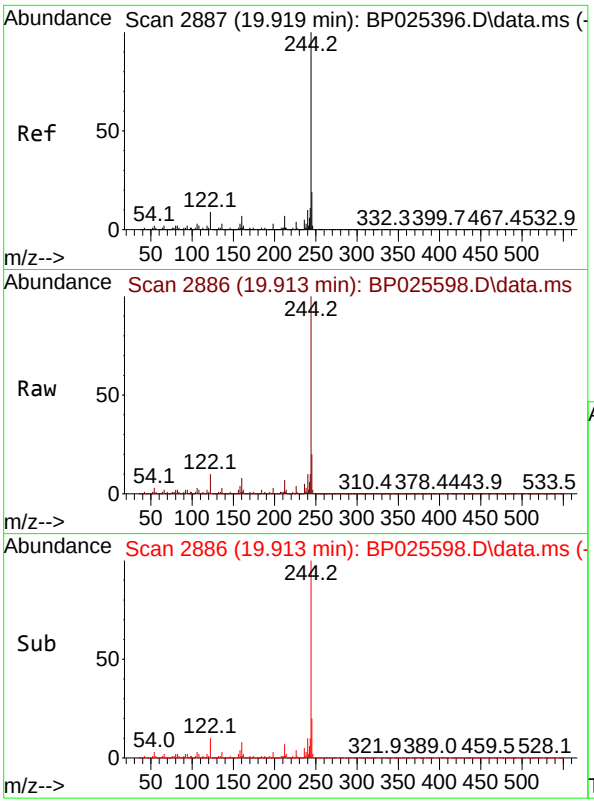


#78
Pyrene
Concen: 43.681 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:202 Resp: 2752492

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	14.2	21.2



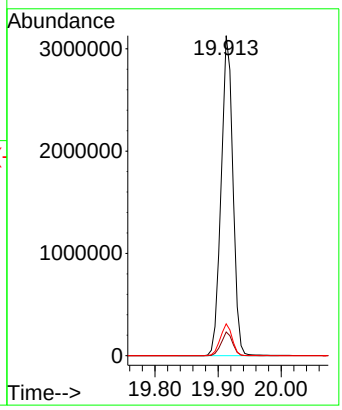


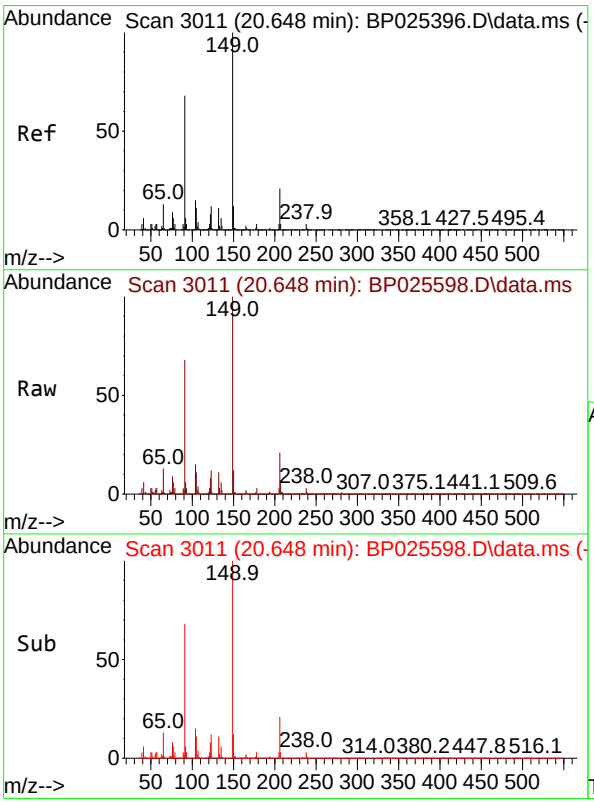
#79
Terphenyl-d14
Concen: 76.615 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:244 Resp: 4059745

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.9	7.4	11.2

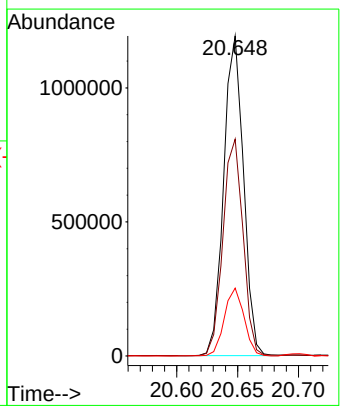


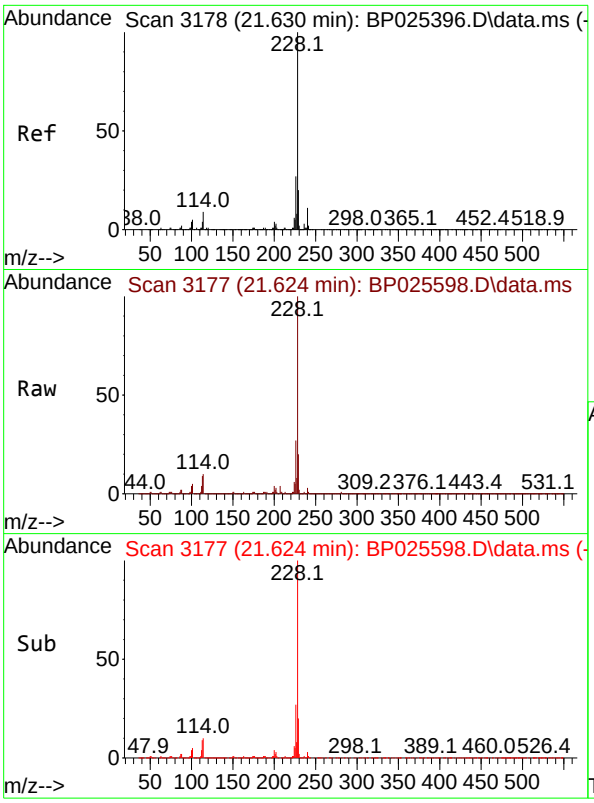


#80
Butylbenzylphthalate
Concen: 47.241 ng
RT: 20.648 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:149 Resp: 1349125

Ion	Ratio	Lower	Upper
149	100		
91	67.8	54.2	81.2
206	21.2	16.6	24.8



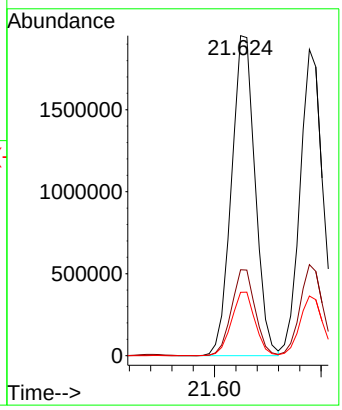


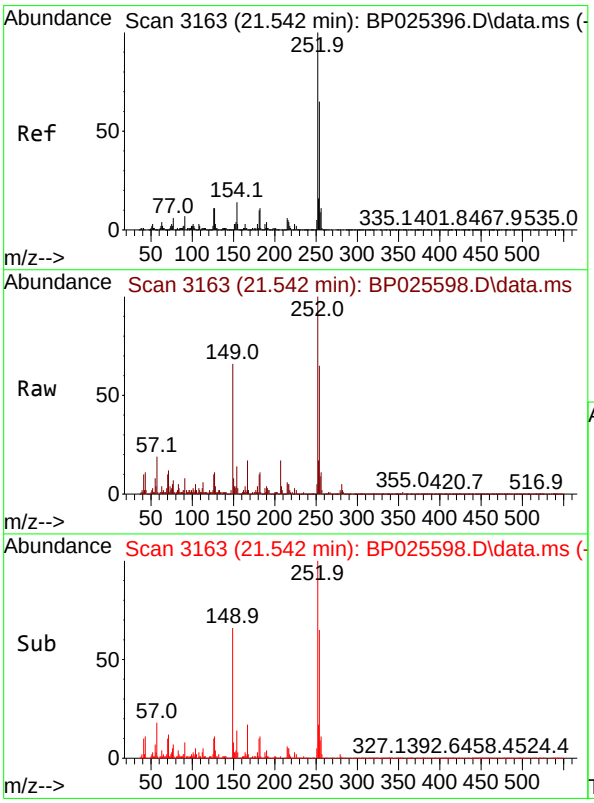
#81
Benzo(a)anthracene
Concen: 47.067 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:228 Resp: 3009321

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.8	15.6	23.4

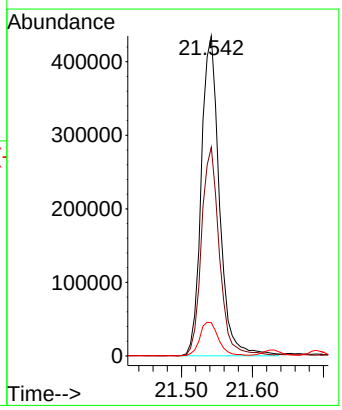


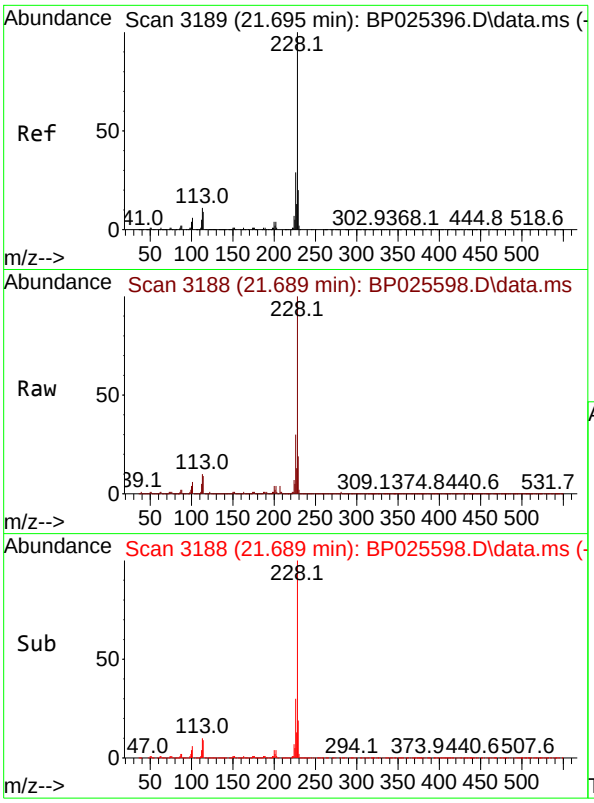


#82
3,3'-Dichlorobenzidine
Concen: 32.063 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:252 Resp: 772708

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.8	77.6
126	10.4	9.1	13.7



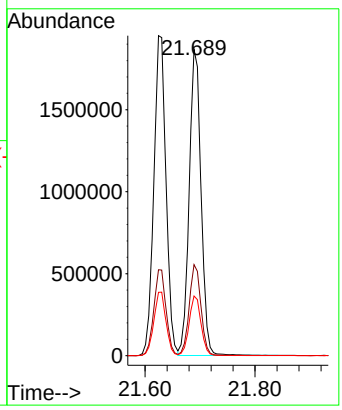


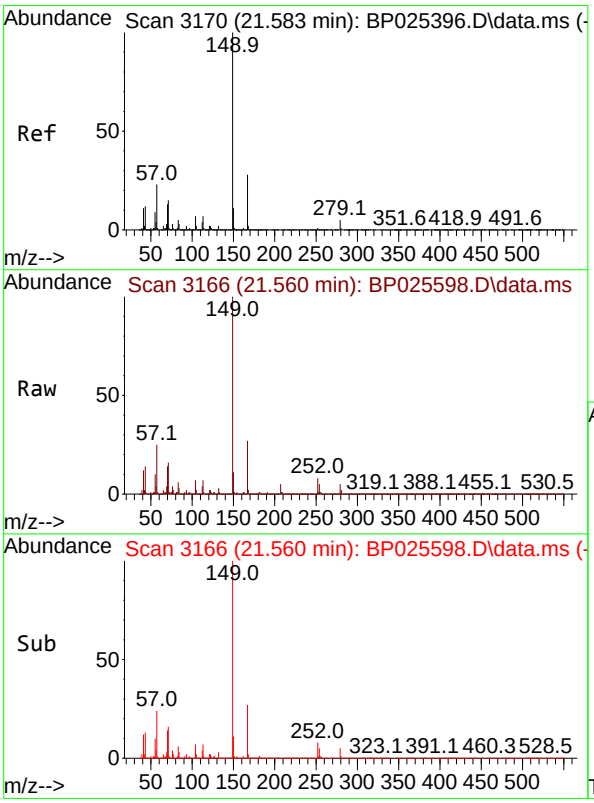
#83
Chrysene
Concen: 46.581 ng
RT: 21.689 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:228 Resp: 2789151

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.5	15.6	23.4

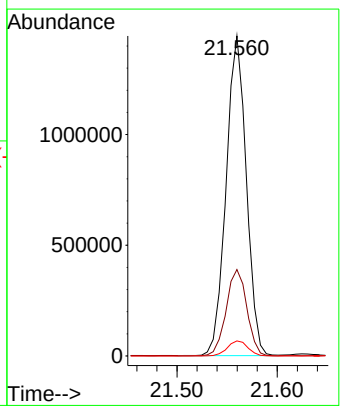


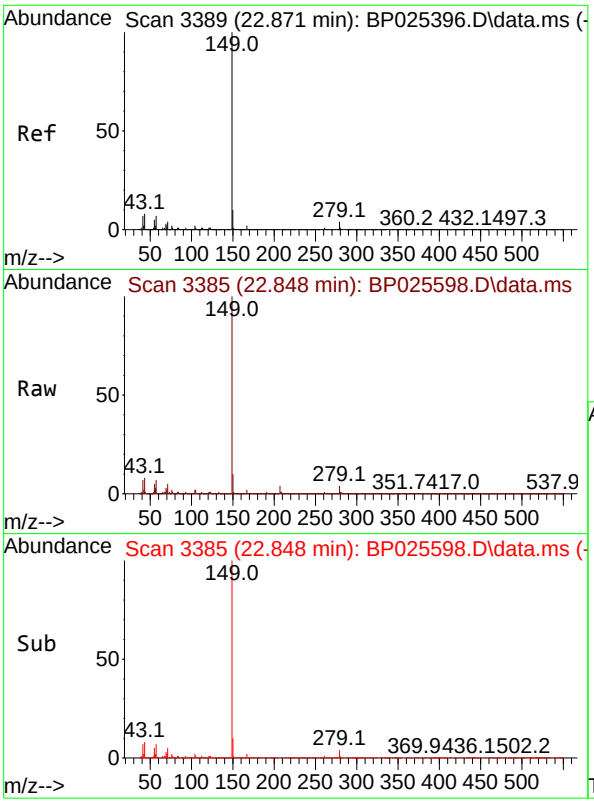


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.980 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.023 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:149 Resp: 2017022

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.7	3.8	5.6



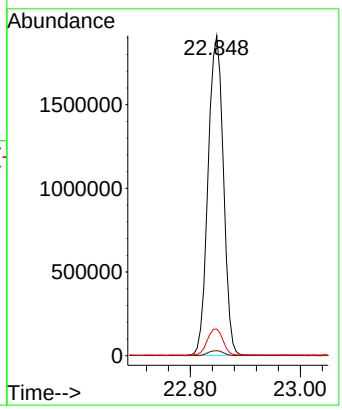


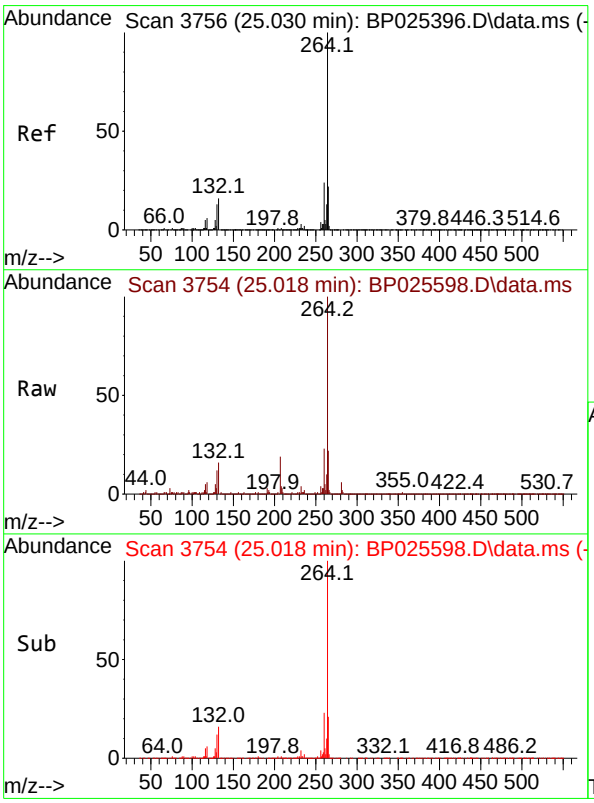
#85
Di-n-octyl phthalate
Concen: 51.027 ng
RT: 22.848 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:149 Resp: 3689681

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.3	9.5

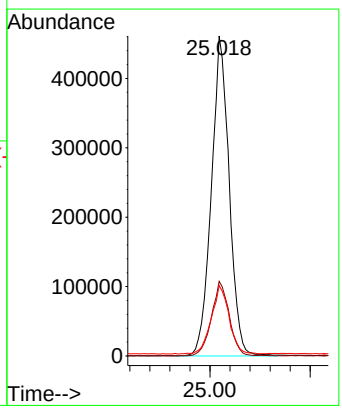


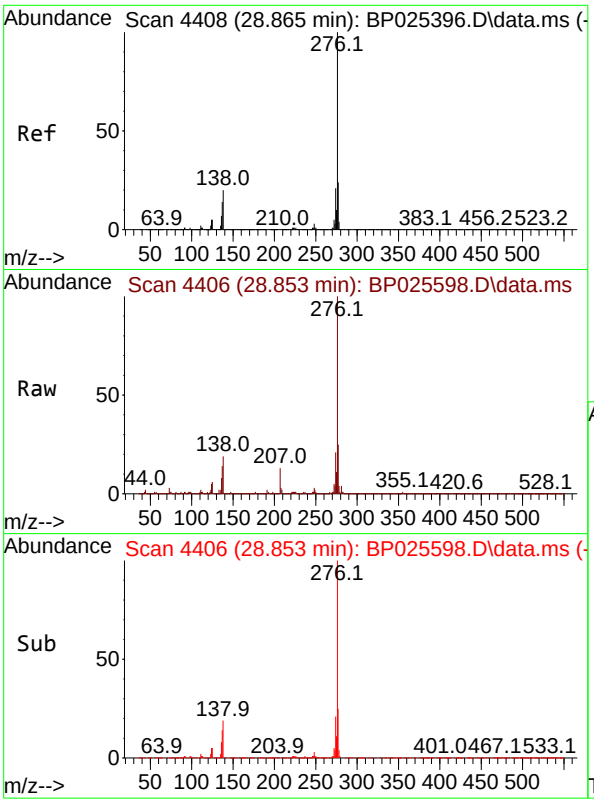


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:264 Resp: 1139124

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	22.0	17.4	26.0



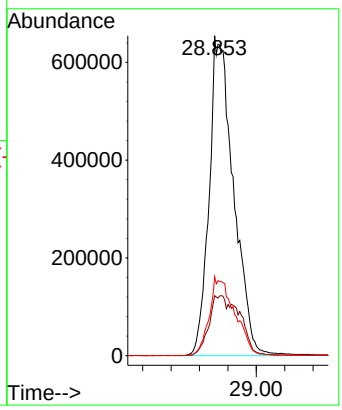


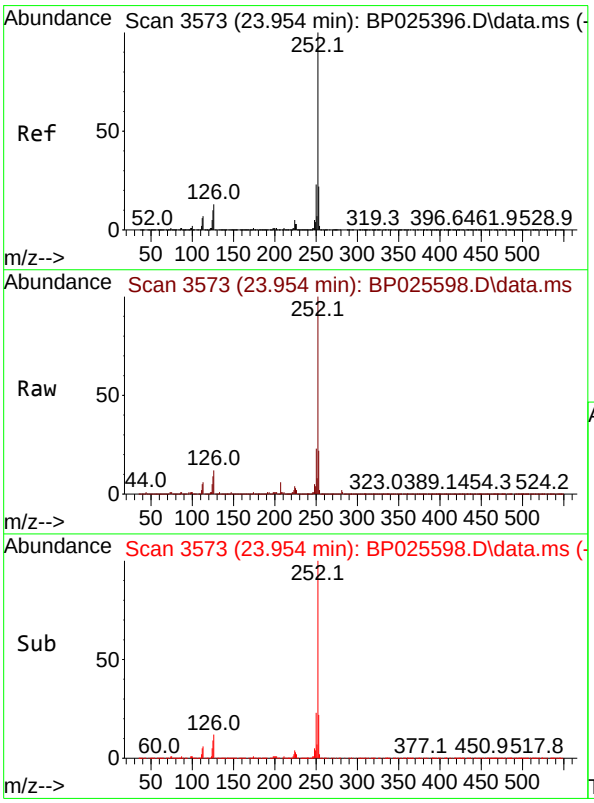
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.594 ng
RT: 28.853 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:276 Resp: 3892421

Ion	Ratio	Lower	Upper
276	100		
138	7.7	12.9	19.3#
277	10.9	17.0	25.6#

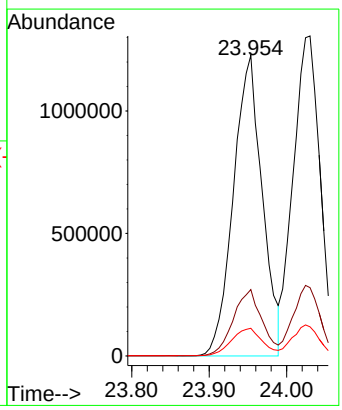


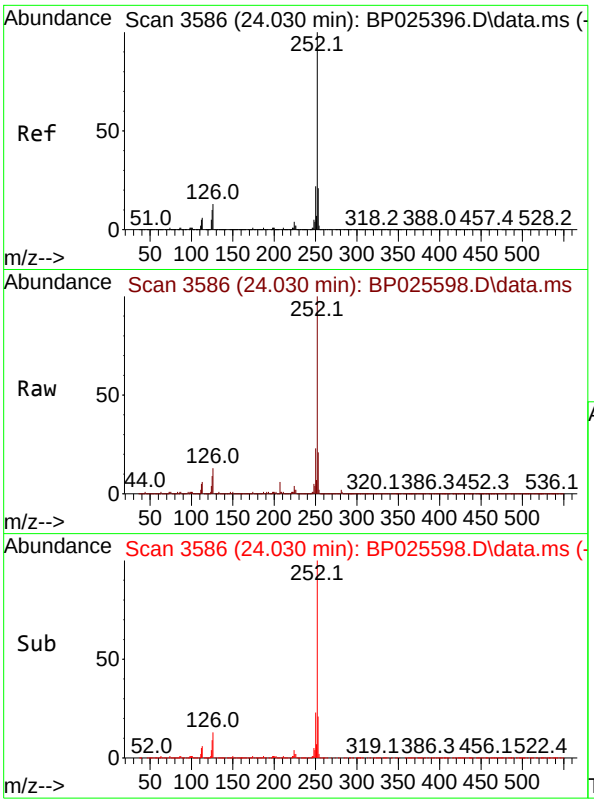


#88
Benzo(b)fluoranthene
Concen: 47.324 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:252 Resp: 3178801

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.2	7.9	11.9



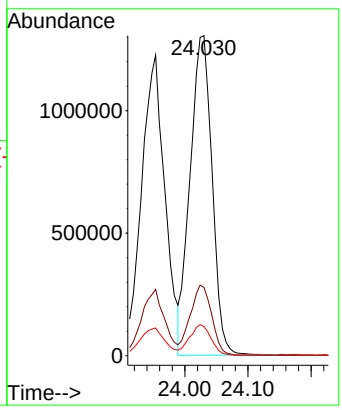


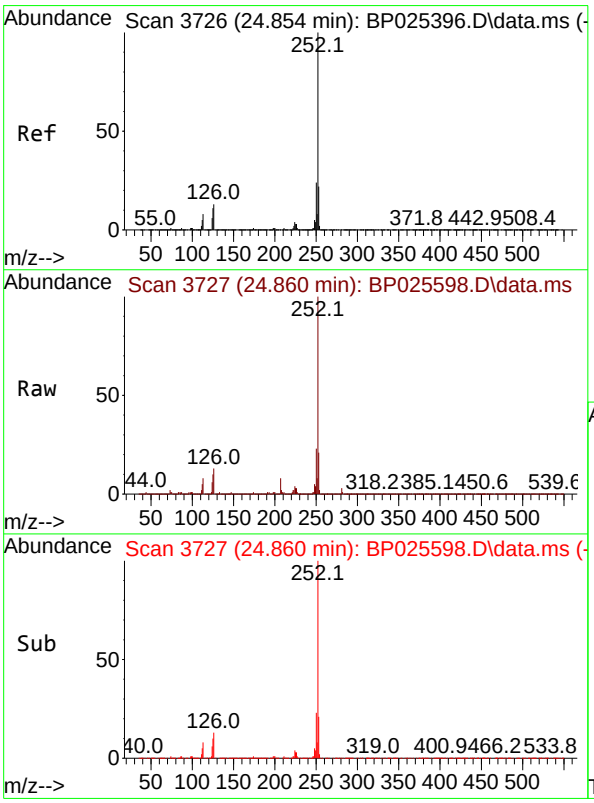
#89
Benzo(k)fluoranthene
Concen: 46.951 ng
RT: 24.030 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:252 Resp: 3155896

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.1	7.8	11.6

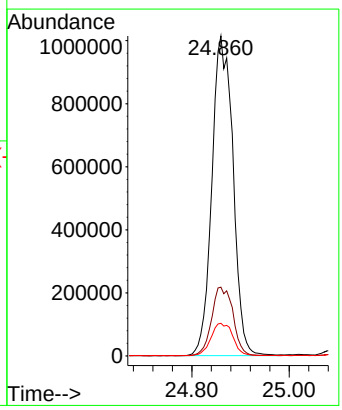


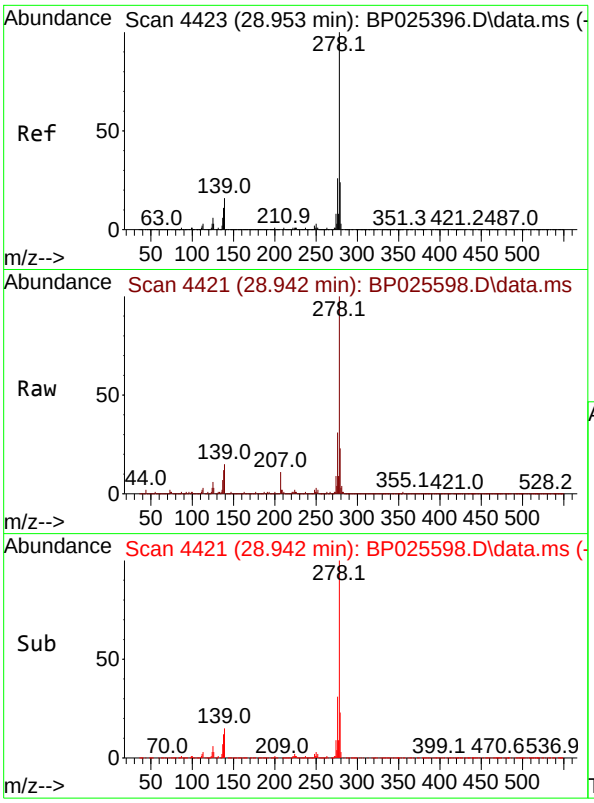


#90
Benzo(a)pyrene
Concen: 46.640 ng
RT: 24.860 min Scan# 3727
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:252 Resp: 3049595

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.2	8.7	13.1



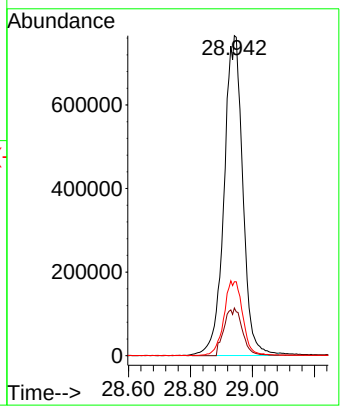


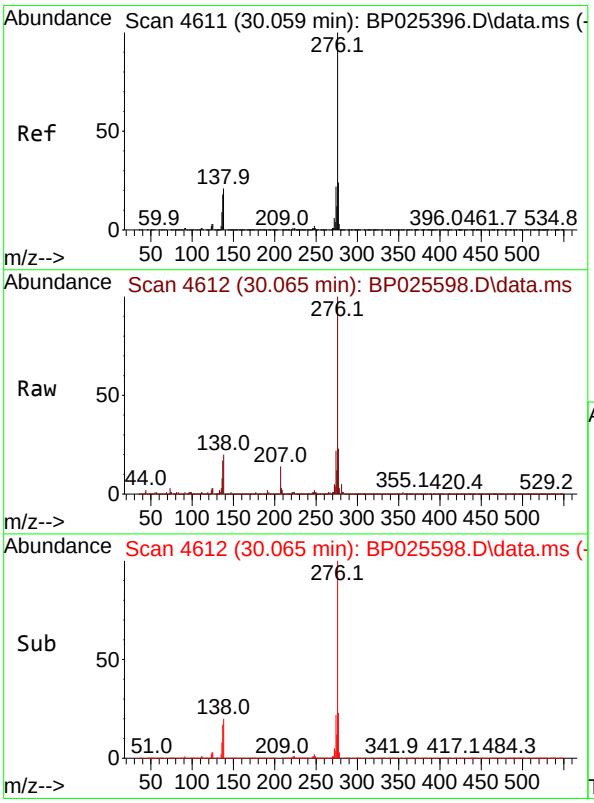
#91
Dibenzo(a,h)anthracene
Concen: 46.999 ng
RT: 28.942 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

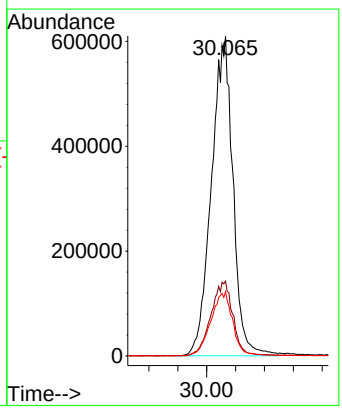
Tgt Ion:278 Resp: 3208547

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.0	19.4
279	23.1	19.4	29.2





#92
Benzo(g,h,i)perylene
Concen: 46.983 ng
RT: 30.065 min Scan# 4612
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:276 Resp: 3152886

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	20.1	16.7	25.1