Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
Data File : BP025862.D
Acq On : 25 Sep 2025 16:47
Operator : CG/JU
Sample : PB169834BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Quant Time: Sep 25 17:08:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.748	152	128564	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	498297	20.000	ng	-0.01
39) Acenaphthene-d10	14.366	164	329816	20.000	ng	-0.01
64) Phenanthrene-d10	17.177	188	695295	20.000	ng	0.00
76) Chrysene-d12	21.630	240	752857	20.000	ng	-0.01
86) Perylene-d12	25.006	264	831049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1104465	138.616	ng	0.00
7) Phenol-d6	6.948	99	1387570	131.019	ng	0.00
23) Nitrobenzene-d5	8.895	82	867536	76.797	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	654891	159.194	ng	-0.01
45) 2-Fluorobiphenyl	12.977	172	2050890	82.797	ng	-0.01
79) Terphenyl-d14	19.901	244	3551362	84.861	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	121682	36.387	ng	95
3) Pyridine	3.701	79	350214	38.033	ng	92
4) n-Nitrosodimethylamine	3.607	42	165796	38.157	ng	86
6) Aniline	7.084	93	496278	34.136	ng	99
8) 2-Chlorophenol	7.331	128	419285	47.968	ng	96
9) Benzaldehyde	6.901	77	244928	38.585	ng	98
10) Phenol	6.978	94	524940	47.007	ng	95
11) bis(2-Chloroethyl)ether	7.178	93	395705	44.105	ng	95
12) 1,3-Dichlorobenzene	7.637	146	449010	45.134	ng	98
13) 1,4-Dichlorobenzene	7.778	146	460982	45.490	ng	99
14) 1,2-Dichlorobenzene	8.095	146	441324	44.829	ng	99
15) Benzyl Alcohol	7.995	79	390006	44.565	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	564125	38.448	ng	96
17) 2-Methylphenol	8.201	107	355286	47.189	ng	98
18) Hexachloroethane	8.813	117	171033	44.186	ng	97
19) n-Nitroso-di-n-propyla...	8.542	70	309652	41.920	ng	94
20) 3+4-Methylphenols	8.531	107	478155	45.348	ng	98
22) Acetophenone	8.560	105	689963	51.813	ng	97
24) Nitrobenzene	8.937	77	455673	44.965	ng	96
25) Isophorone	9.460	82	869375	43.785	ng	99
26) 2-Nitrophenol	9.642	139	229911	51.099	ng	90
27) 2,4-Dimethylphenol	9.707	122	391709	49.625	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	525625	45.796	ng	99
29) 2,4-Dichlorophenol	10.195	162	405020	51.463	ng	98
30) 1,2,4-Trichlorobenzene	10.378	180	427880	48.241	ng	98
31) Naphthalene	10.572	128	1233456	45.907	ng	100
32) Benzoic acid	9.895	122	337144	57.449	ng	99
33) 4-Chloroaniline	10.678	127	350637	31.310	ng	99
34) Hexachlorobutadiene	10.848	225	287424	50.339	ng	99
35) Caprolactam	11.483	113	136207	44.897	ng	87
36) 4-Chloro-3-methylphenol	11.830	107	458867	48.905	ng	97
37) 2-Methylnaphthalene	12.178	142	805809	46.694	ng	99
38) 1-Methylnaphthalene	12.395	142	837279	45.498	ng	99
40) 1,2,4,5-Tetrachloroben...	12.548	216	561743	56.206	ng	99
41) Hexachlorocyclopentadiene	12.525	237	530447	97.450	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	346324	52.711	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
Data File : BP025862.D
Acq On : 25 Sep 2025 16:47
Operator : CG/JU
Sample : PB169834BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Quant Time: Sep 25 17:08:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	379843	51.946	ng		95
46) 1,1'-Biphenyl	13.189	154	1295843	53.528	ng		99
47) 2-Chloronaphthalene	13.236	162	904857	47.470	ng		99
48) 2-Nitroaniline	13.448	65	293717	46.224	ng		90
49) Acenaphthylene	14.083	152	1540130	48.764	ng		100
50) Dimethylphthalate	13.824	163	1202704	47.764	ng		99
51) 2,6-Dinitrotoluene	13.942	165	267025	50.053	ng		95
52) Acenaphthene	14.430	154	845898	46.442	ng		99
53) 3-Nitroaniline	14.289	138	210210	37.470	ng		98
54) 2,4-Dinitrophenol	14.507	184	326061	93.159	ng		97
55) Dibenzofuran	14.777	168	1403644	47.284	ng		99
56) 4-Nitrophenol	14.660	139	373586	77.478	ng		94
57) 2,4-Dinitrotoluene	14.754	165	386961	50.968	ng		90
58) Fluorene	15.436	166	1147258	48.602	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.024	232	346159	52.552	ng		93
60) Diethylphthalate	15.213	149	1236009	48.392	ng		99
61) 4-Chlorophenyl-phenyle...	15.430	204	593466	49.886	ng		97
62) 4-Nitroaniline	15.471	138	285016	49.591	ng		96
63) Azobenzene	15.730	77	1096204	44.386	ng		97
65) 4,6-Dinitro-2-methylph...	15.536	198	236960	51.246	ng		85
66) n-Nitrosodiphenylamine	15.660	169	1023204	48.088	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	392989	51.449	ng		98
68) Hexachlorobenzene	16.471	284	444855	52.224	ng		93
69) Atrazine	16.642	200	404623	49.749	ng		97
70) Pentachlorophenol	16.836	266	582695	103.647	ng		99
71) Phenanthrene	17.224	178	1843738	46.747	ng		99
72) Anthracene	17.324	178	1908459	47.690	ng		100
73) Carbazole	17.607	167	1787791	48.053	ng		99
74) Di-n-butylphthalate	18.183	149	2196885	48.117	ng		99
75) Fluoranthene	19.318	202	2285551	48.318	ng		99
77) Benzidine	19.512	184	1292563	59.603	ng		99
78) Pyrene	19.695	202	2385927	47.496	ng		99
80) Butylbenzylphthalate	20.636	149	1053316	47.822	ng		93
81) Benzo(a)anthracene	21.606	228	2453113	47.595	ng		100
82) 3,3'-Dichlorobenzidine	21.530	252	751619	42.174	ng		99
83) Chrysene	21.677	228	2328576	47.394	ng		100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1510913	46.887	ng		100
85) Di-n-octyl phthalate	22.812	149	2706412	47.214	ng		96
87) Indeno(1,2,3-cd)pyrene	28.835	276	2989856	49.472	ng	#	79
88) Benzo(b)fluoranthene	23.924	252	2454085	48.289	ng		98
89) Benzo(k)fluoranthene	23.995	252	2498831	48.185	ng		99
90) Benzo(a)pyrene	24.830	252	2335045	46.918	ng		99
91) Dibenzo(a,h)anthracene	28.900	278	2470674	49.957	ng		96
92) Benzo(g,h,i)perylene	30.030	276	2410379	49.559	ng		98

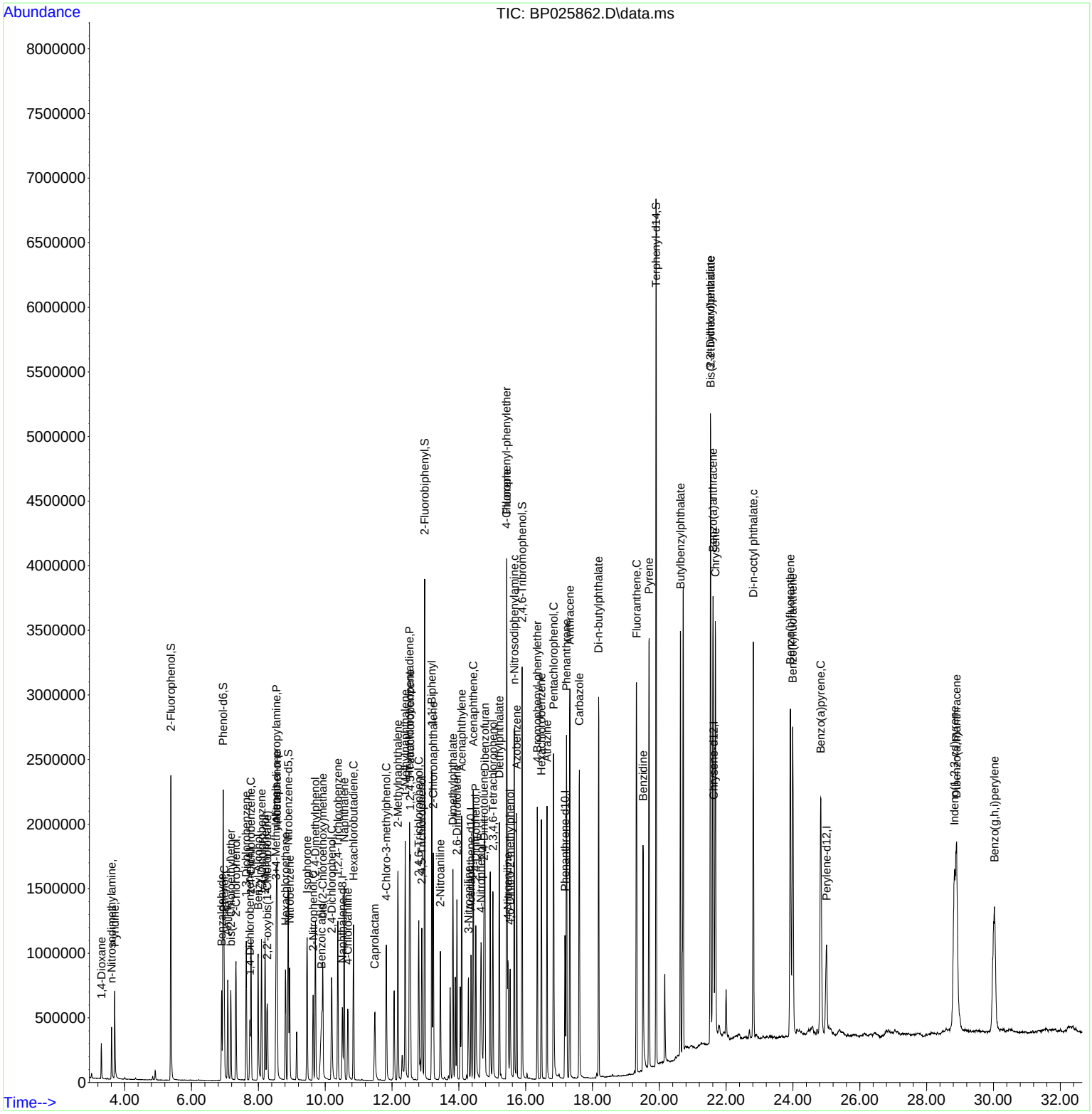
(#) = qualifier out of range (m) = manual integration (+) = signals summed

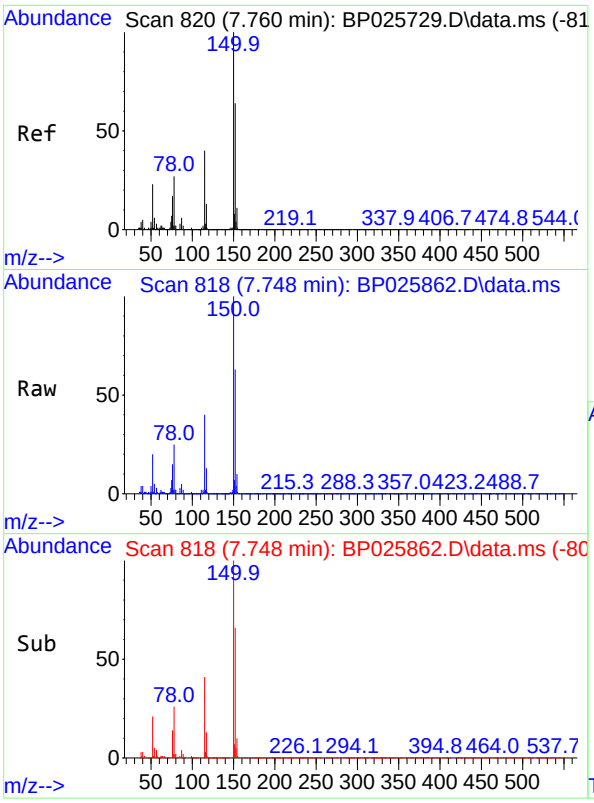
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
Data File : BP025862.D
Acq On : 25 Sep 2025 16:47
Operator : CG/JU
Sample : PB169834BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Quant Time: Sep 25 17:08:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



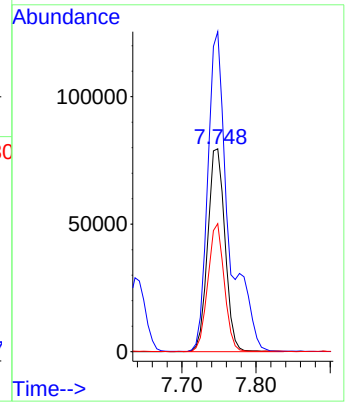


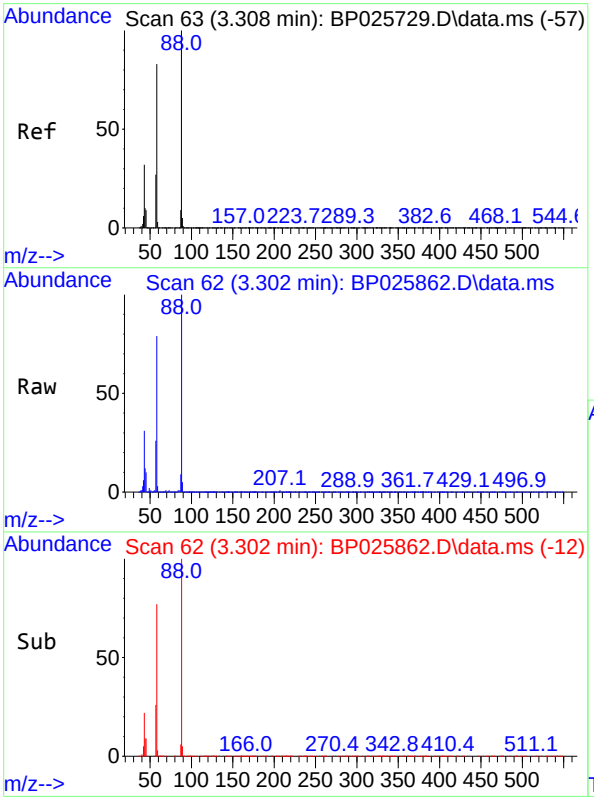
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.748 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:152 Resp: 128564

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.3	186.5
115	63.1	50.3	75.5

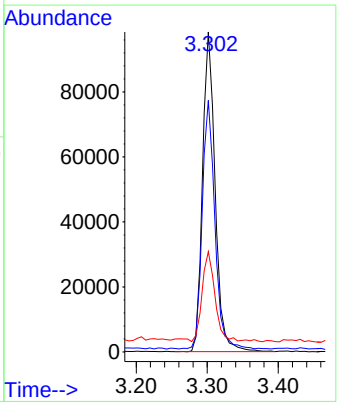


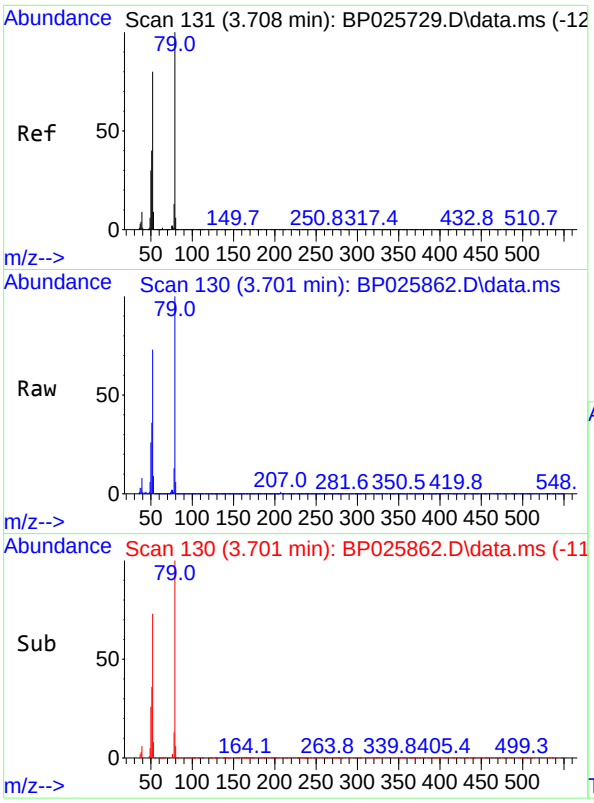


#2
1,4-Dioxane
Concen: 36.387 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 88 Resp: 121682

Ion	Ratio	Lower	Upper
88	100		
58	77.8	65.5	98.3
43	28.4	25.2	37.8



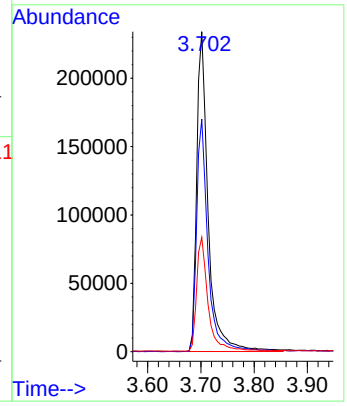


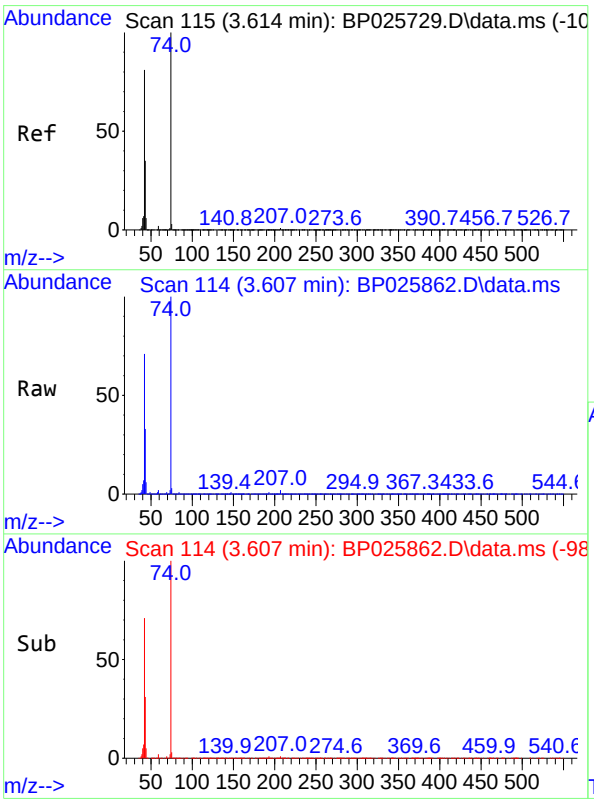
#3
Pyridine
Concen: 38.033 ng
RT: 3.701 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion: 79 Resp: 350214

Ion	Ratio	Lower	Upper
79	100		
52	72.7	63.7	95.5
51	35.8	32.4	48.6

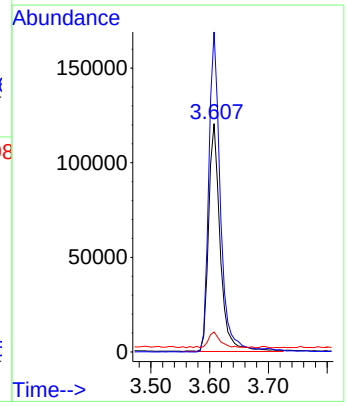


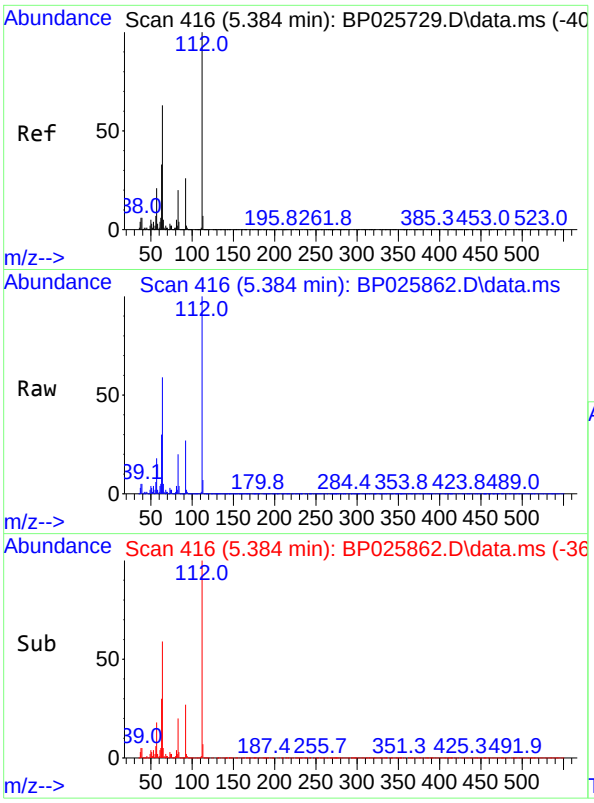


#4
n-Nitrosodimethylamine
Concen: 38.157 ng
RT: 3.607 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 42 Resp: 165796

Ion	Ratio	Lower	Upper
42	100		
74	140.2	99.2	148.8
44	8.8	6.4	9.6



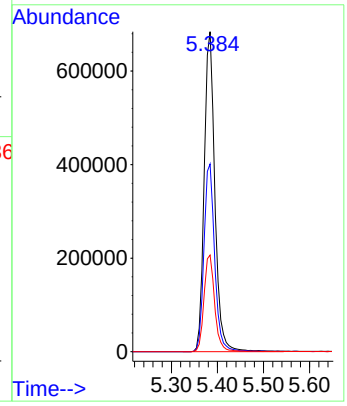


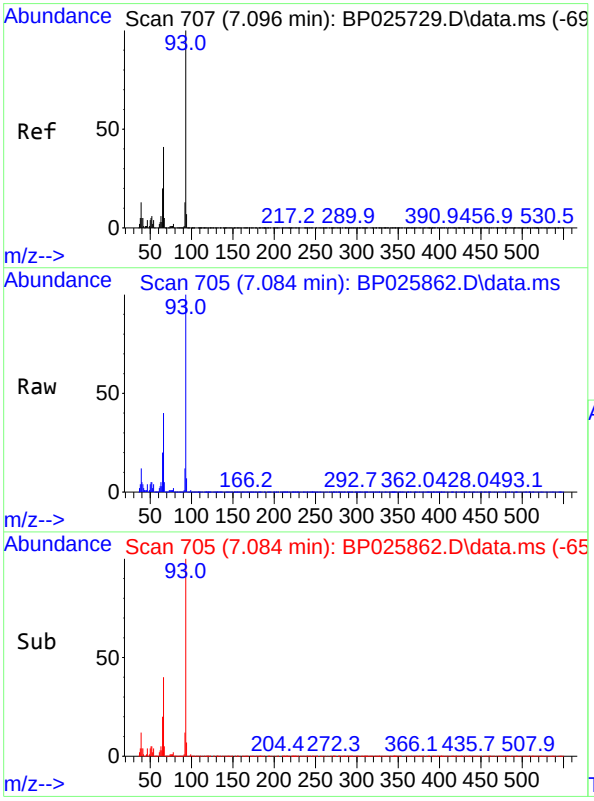
#5
2-Fluorophenol
Concen: 138.616 ng
RT: 5.384 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:112 Resp: 1104465

Ion	Ratio	Lower	Upper
112	100		
64	58.6	50.2	75.4
63	30.2	26.7	40.1

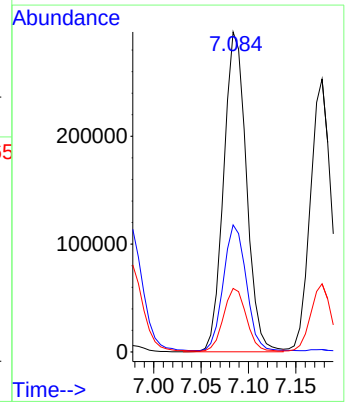


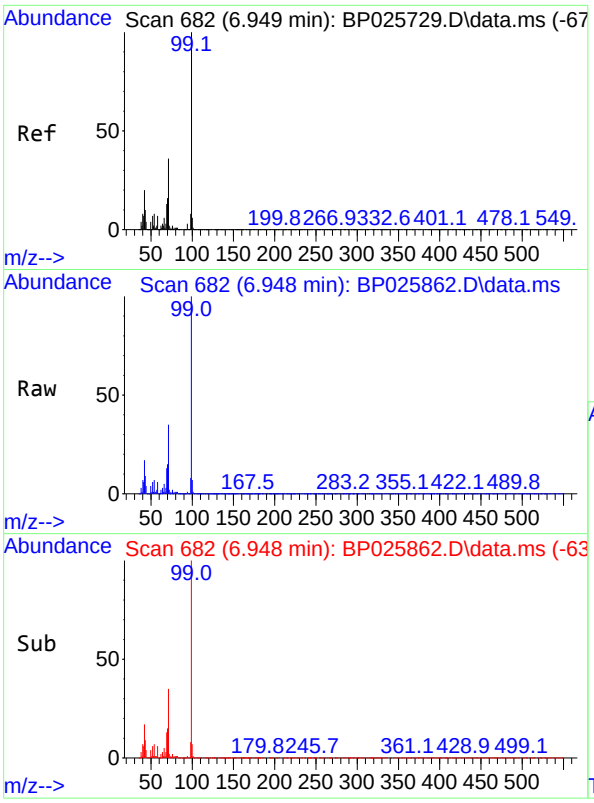


#6
Aniline
Concen: 34.136 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 93 Resp: 496278

Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.6	49.0
65	19.9	16.2	24.2



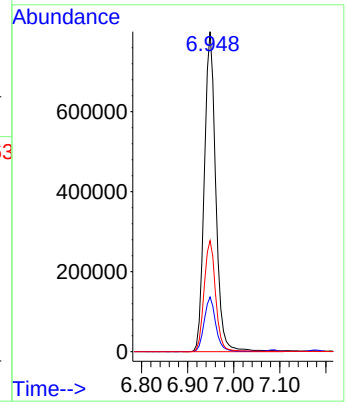


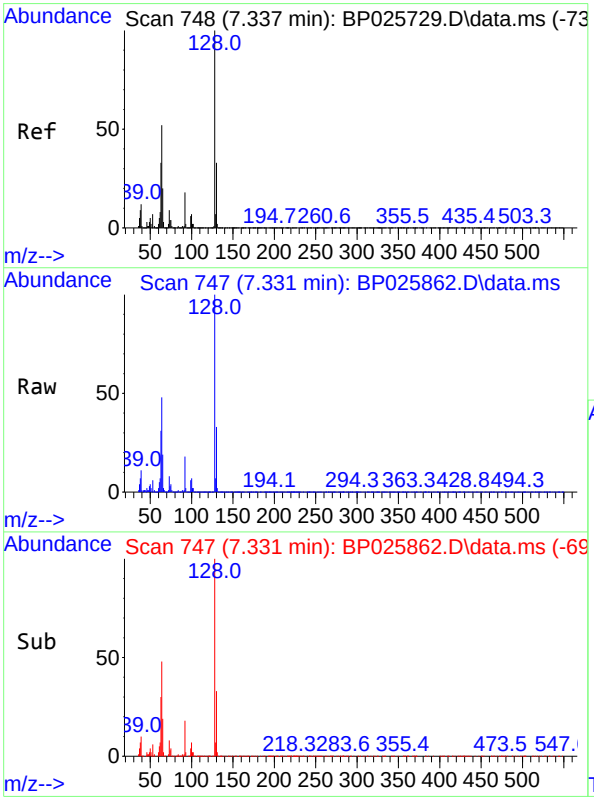
#7
Phenol-d6
Concen: 131.019 ng
RT: 6.948 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion: 99 Resp: 1387570

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.6	23.4
71	34.7	28.6	43.0

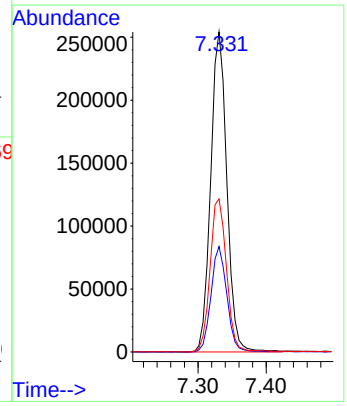


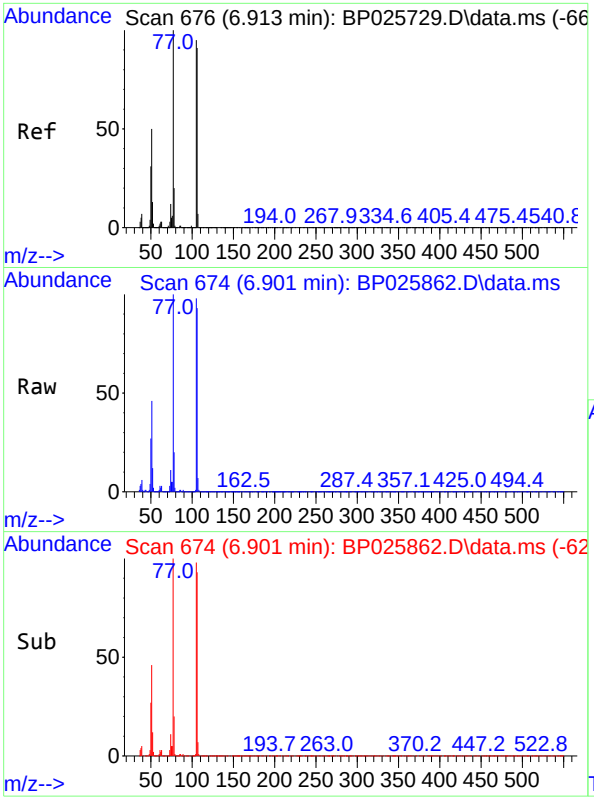


#8
2-Chlorophenol
Concen: 47.968 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:128 Resp: 419285

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	47.9	31.6	71.6



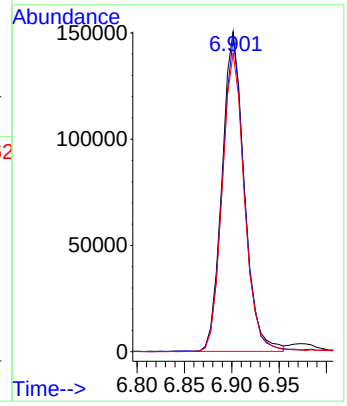


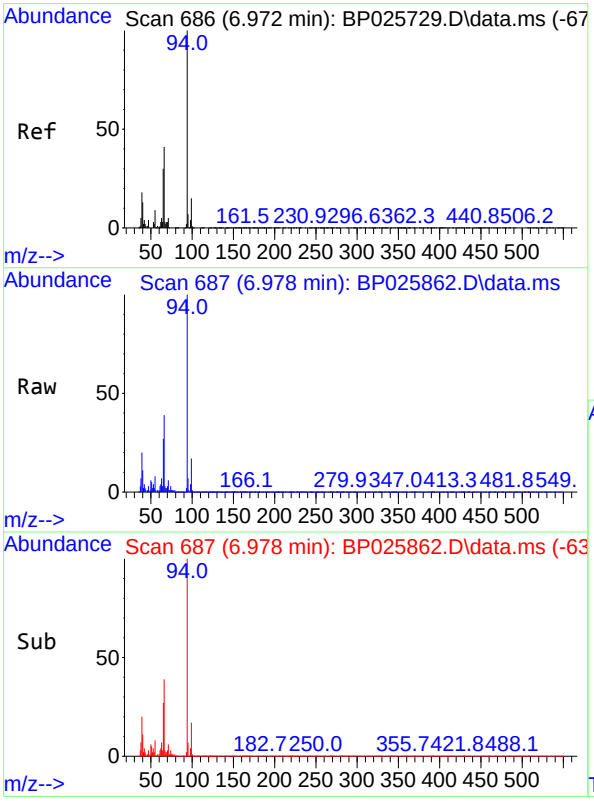
#9
Benzaldehyde
Concen: 38.585 ng
RT: 6.901 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion: 77 Resp: 244928

Ion	Ratio	Lower	Upper
77	100		
105	97.9	75.2	115.2
106	93.2	71.3	111.3

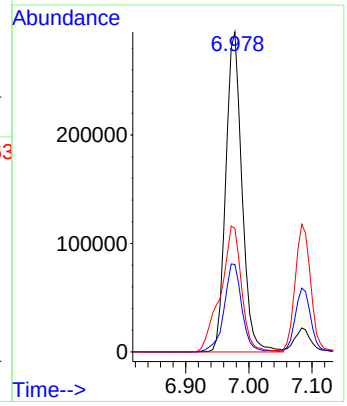


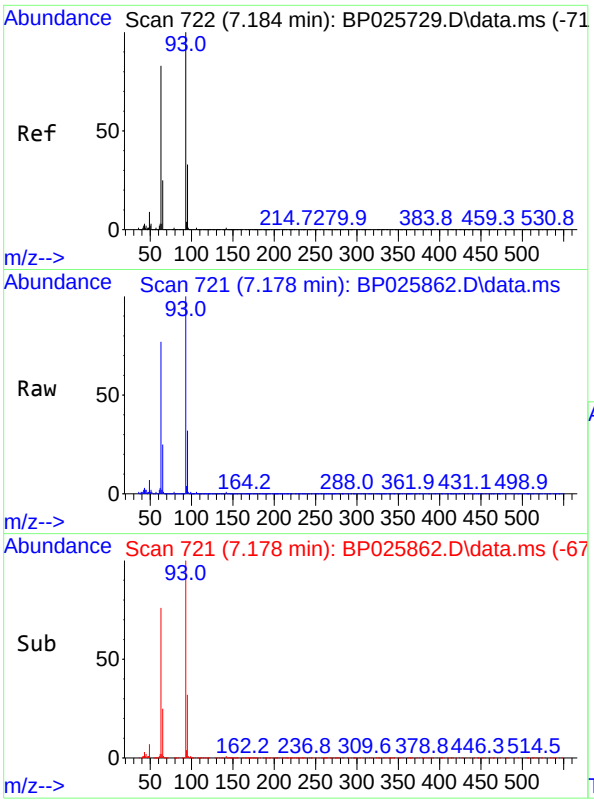


#10
Phenol
Concen: 47.007 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 94 Resp: 524940

Ion	Ratio	Lower	Upper
94	100		
65	27.4	10.2	50.2
66	38.6	21.4	61.4



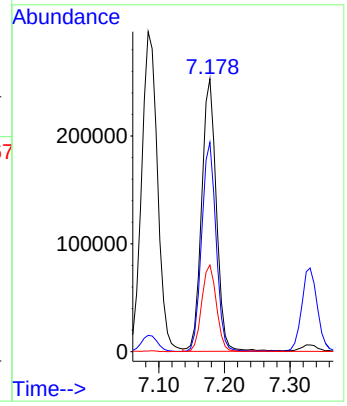


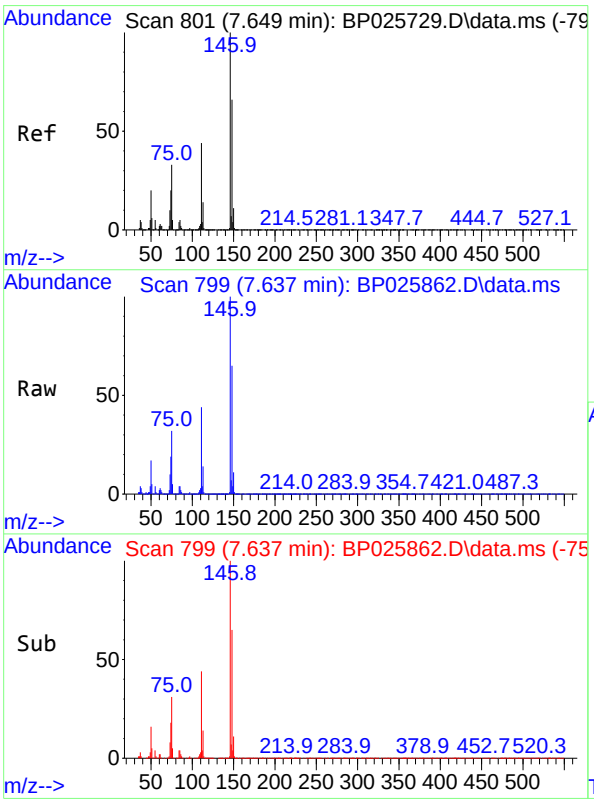
#11
bis(2-Chloroethyl)ether
Concen: 44.105 ng
RT: 7.178 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion: 93 Resp: 395705

Ion	Ratio	Lower	Upper
93	100		
63	76.7	62.6	102.6
95	31.8	13.2	53.2

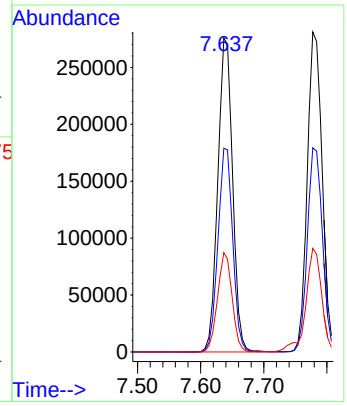


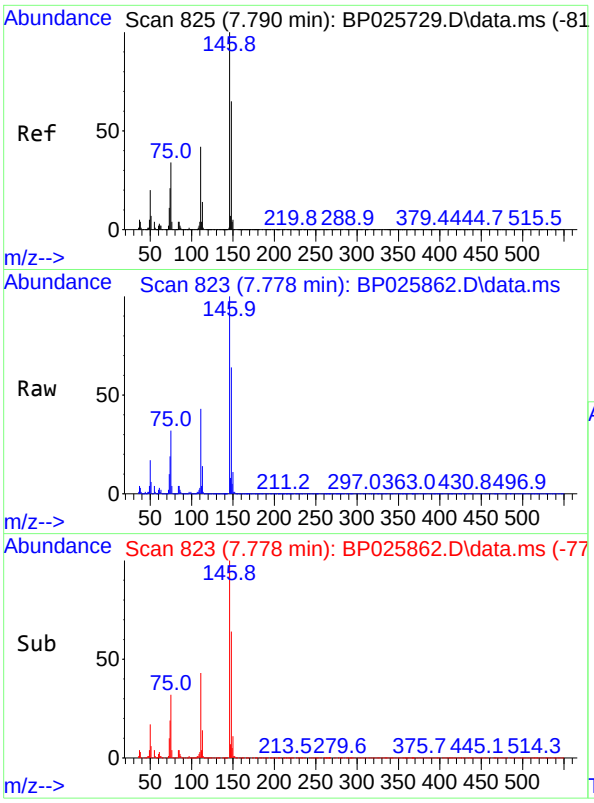


#12
1,3-Dichlorobenzene
Concen: 45.134 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:146 Resp: 449010

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.7	79.1
75	31.7	26.4	39.6



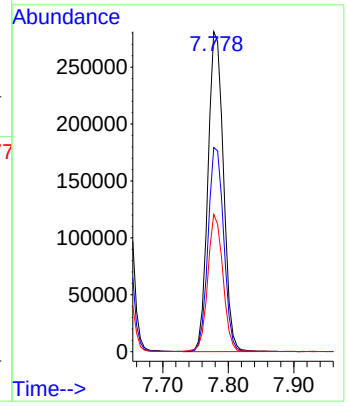


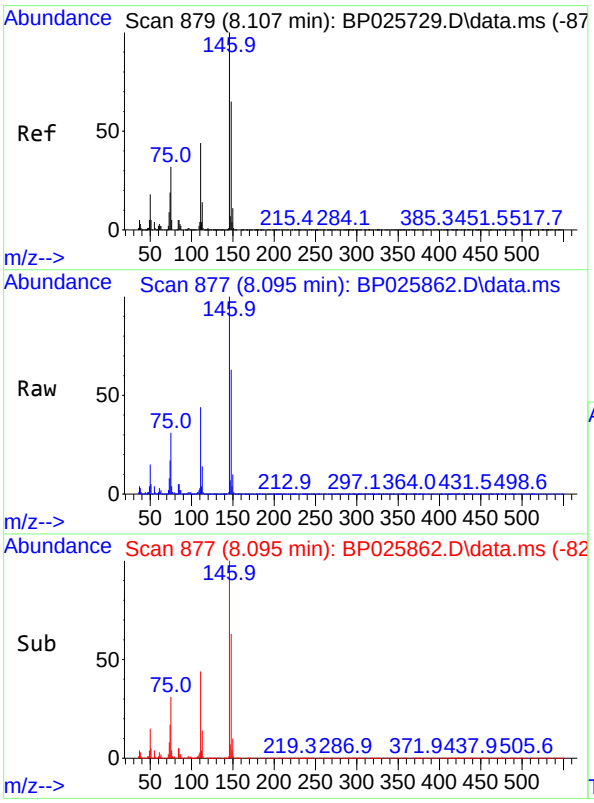
#13
1,4-Dichlorobenzene
Concen: 45.490 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:146 Resp: 460982

Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.0	78.0
111	42.9	33.9	50.9

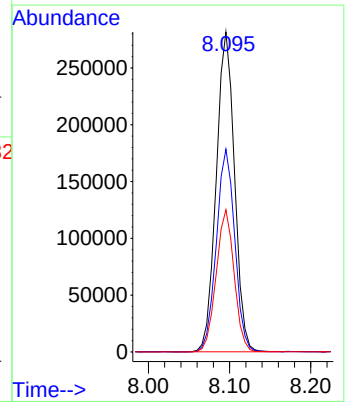


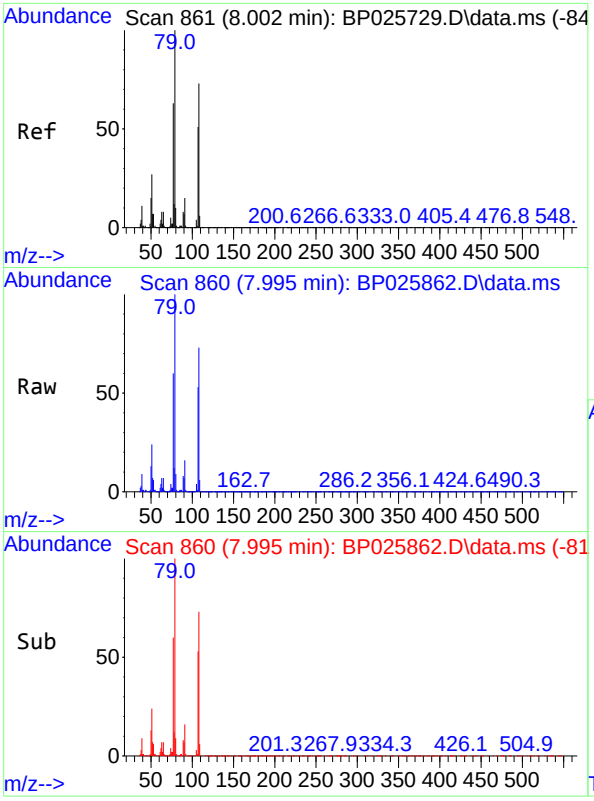


#14
1,2-Dichlorobenzene
Concen: 44.829 ng
RT: 8.095 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:146 Resp: 441324

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.7	77.5
111	44.5	35.5	53.3



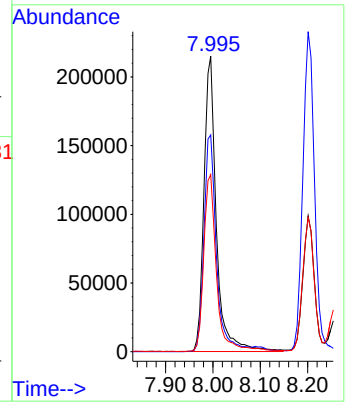


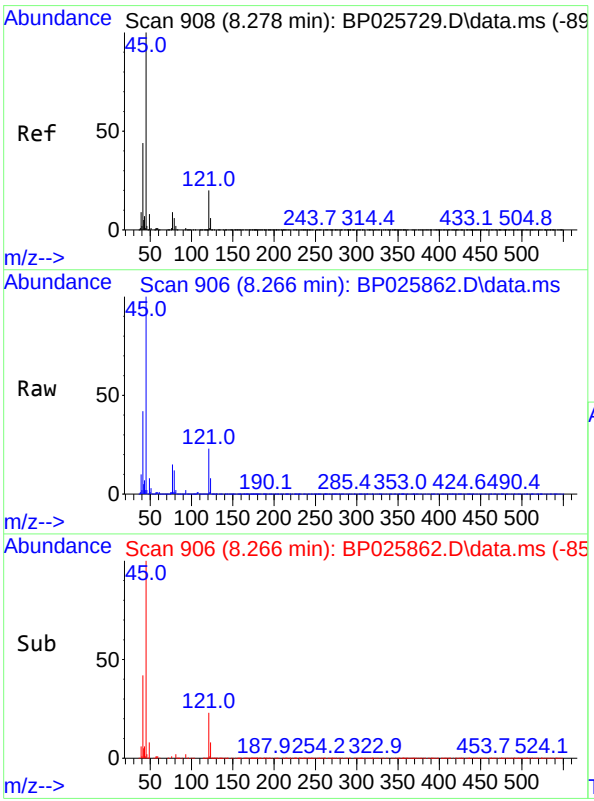
#15
Benzyl Alcohol
Concen: 44.565 ng
RT: 7.995 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion: 79 Resp: 390006

Ion	Ratio	Lower	Upper
79	100		
108	73.4	58.7	88.1
77	60.0	50.2	75.2

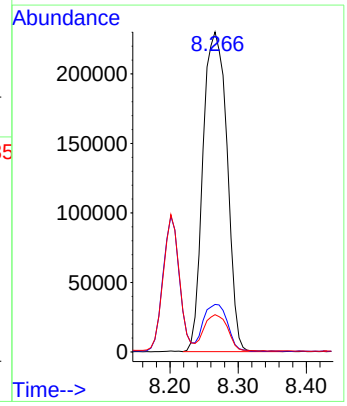


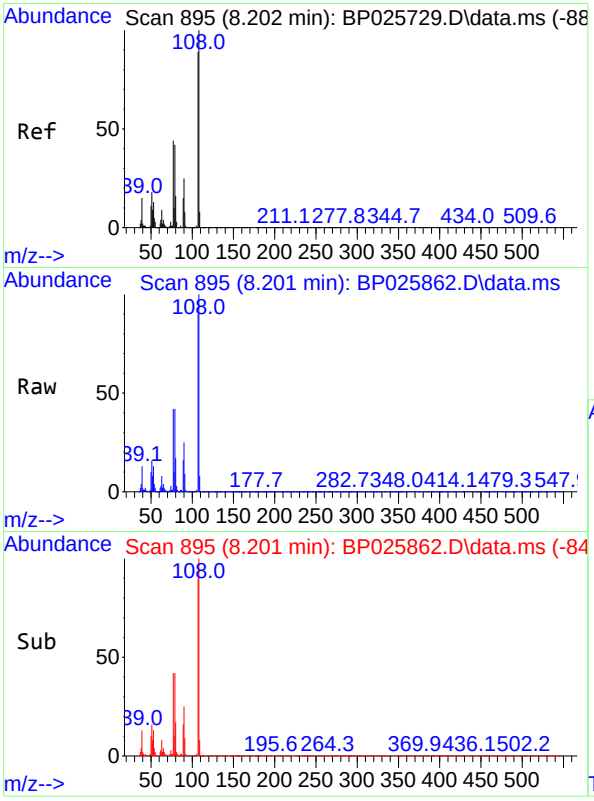


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.448 ng
RT: 8.266 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 45 Resp: 564125

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	33.1
79	11.6	0.0	30.0



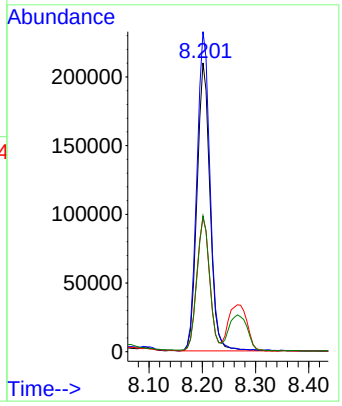


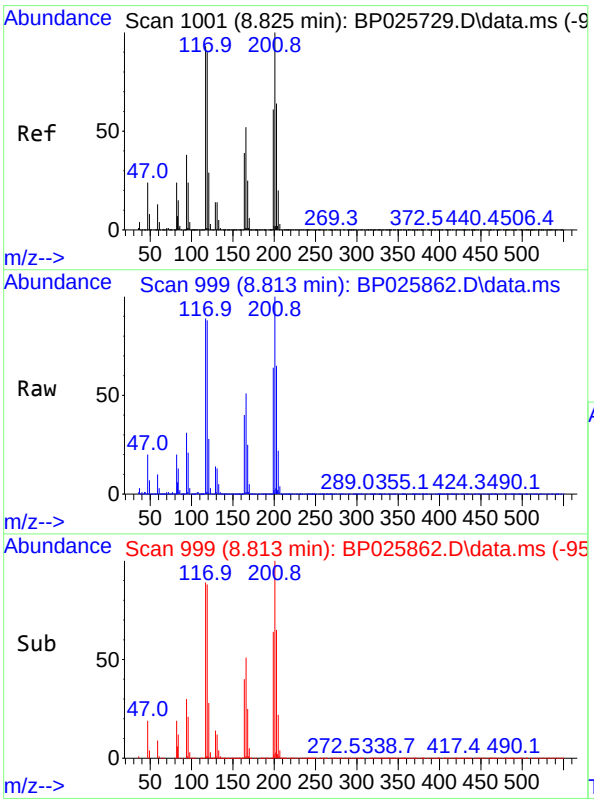
#17
2-Methylphenol
Concen: 47.189 ng
RT: 8.201 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:107 Resp: 355286

Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.6	134.4
77	46.5	39.3	58.9
79	47.0	37.8	56.6

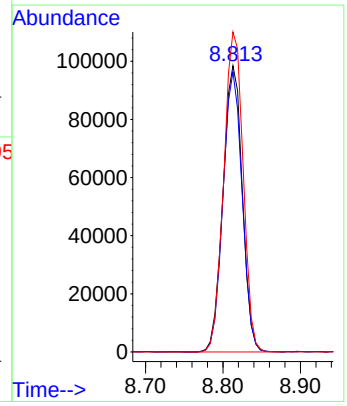


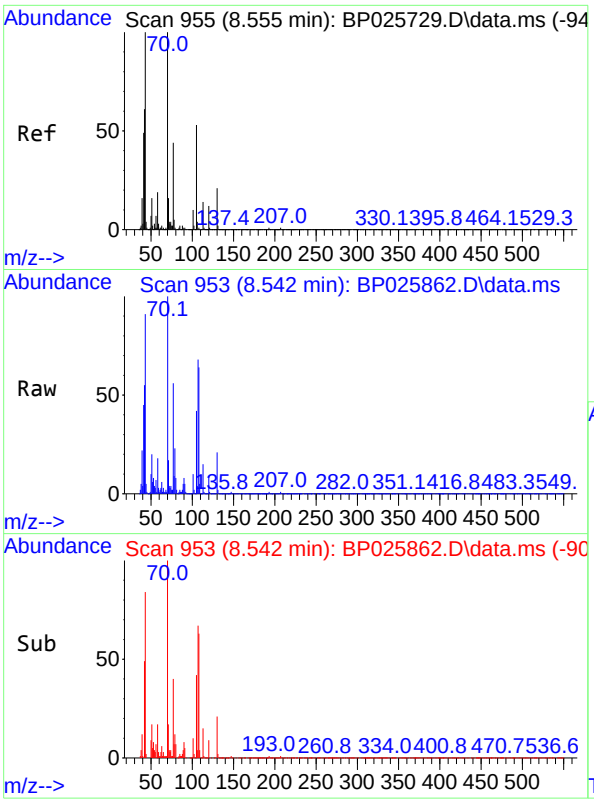


#18
Hexachloroethane
Concen: 44.186 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:117 Resp: 171033

Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.1	115.7
201	111.8	85.6	128.4



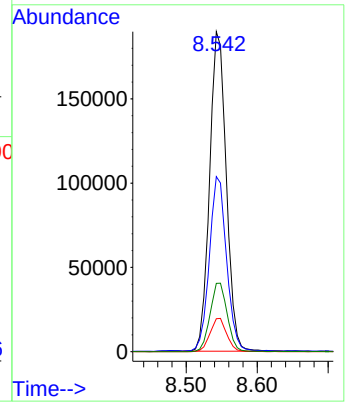


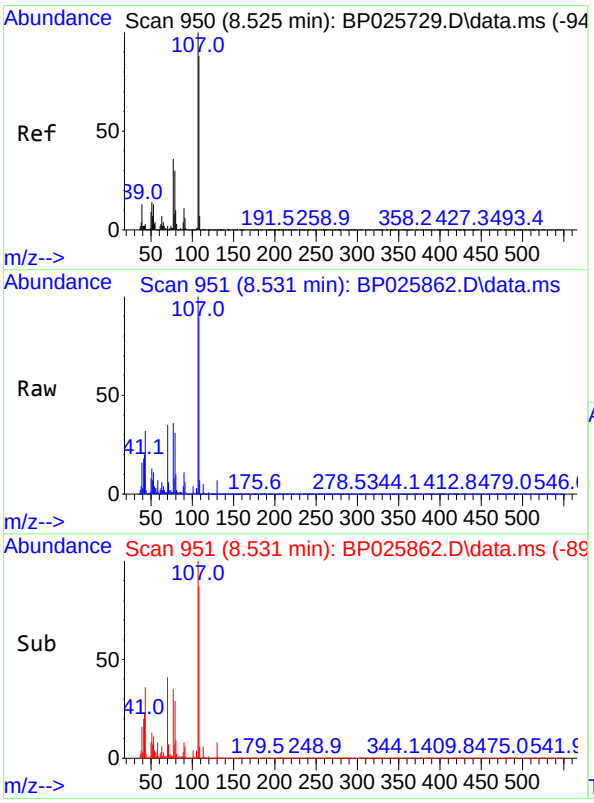
#19
n-Nitroso-di-n-propylamine
Concen: 41.920 ng
RT: 8.542 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion: 70 Resp: 309652

Ion	Ratio	Lower	Upper
70	100		
42	54.7	49.0	73.4
101	10.3	7.9	11.9
130	21.4	16.6	25.0

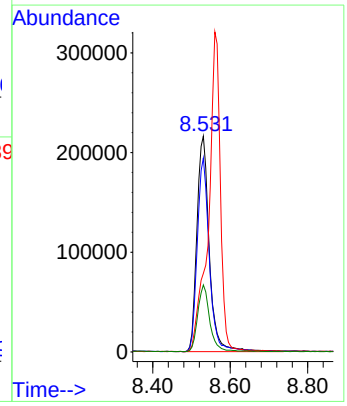


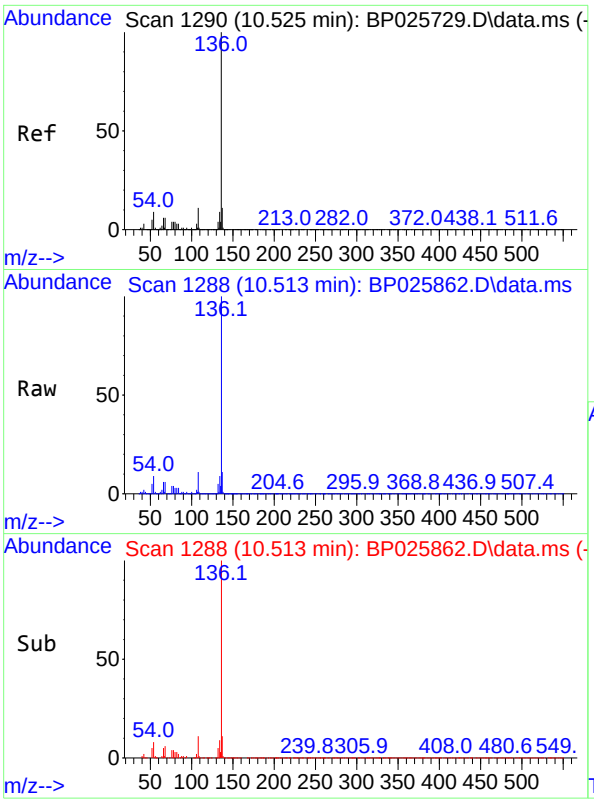


#20
3+4-Methylphenols
Concen: 45.348 ng
RT: 8.531 min Scan# 951
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:107 Resp: 478155

Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.8	107.8
77	36.4	16.1	56.1
79	31.1	10.5	50.5



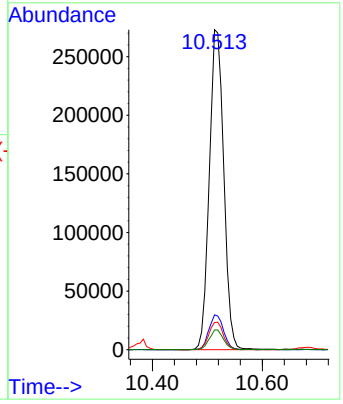


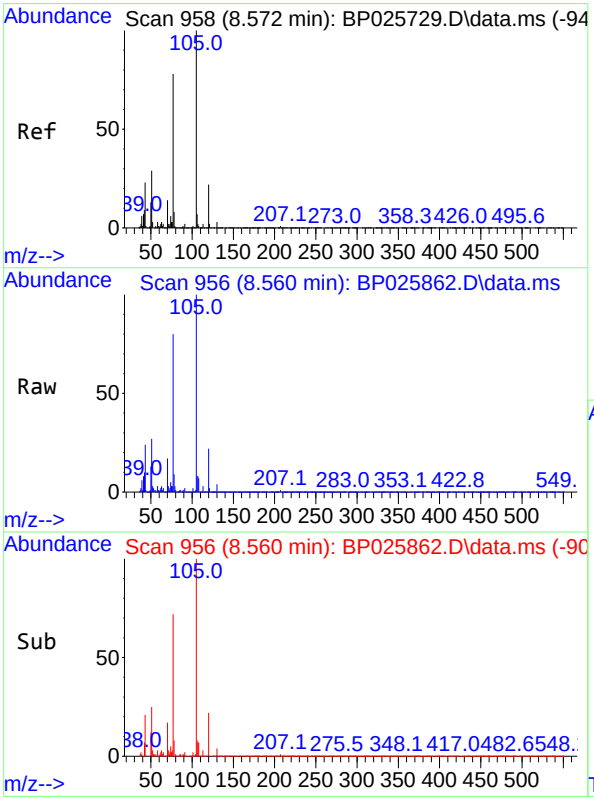
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:136 Resp: 498297

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.5	7.5	11.3
68	6.2	5.0	7.6

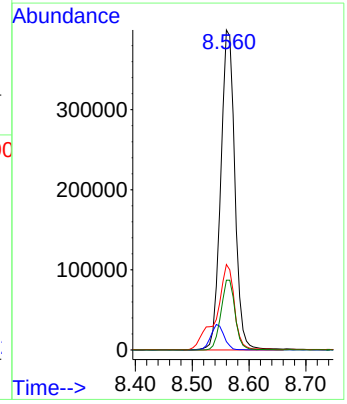


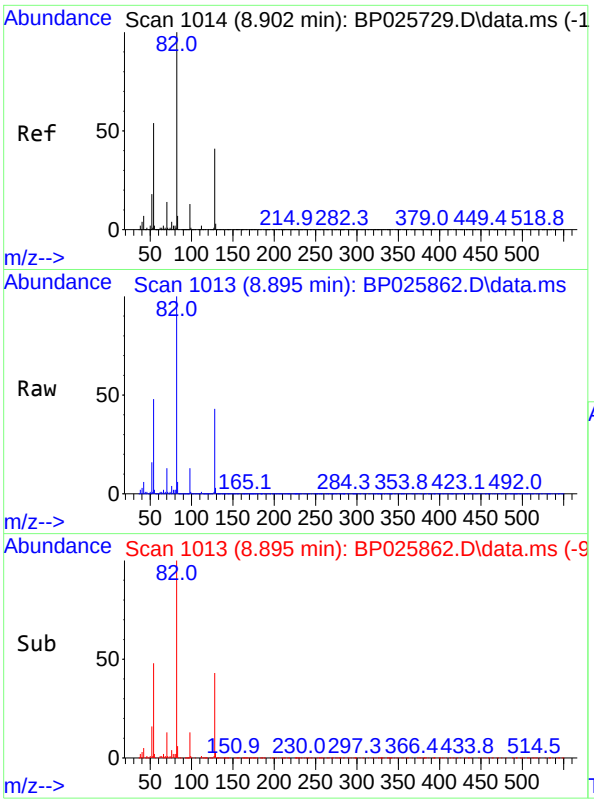


#22
Acetophenone
Concen: 51.813 ng
RT: 8.560 min Scan# 956
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:105 Resp: 689963

Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.8	2.8
51	26.7	23.5	35.3
120	21.8	17.7	26.5



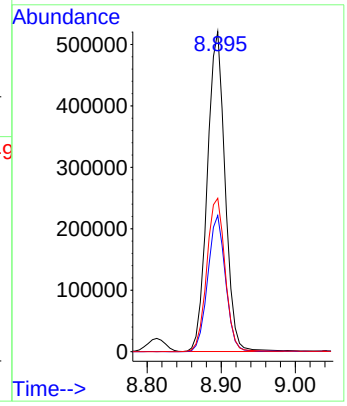


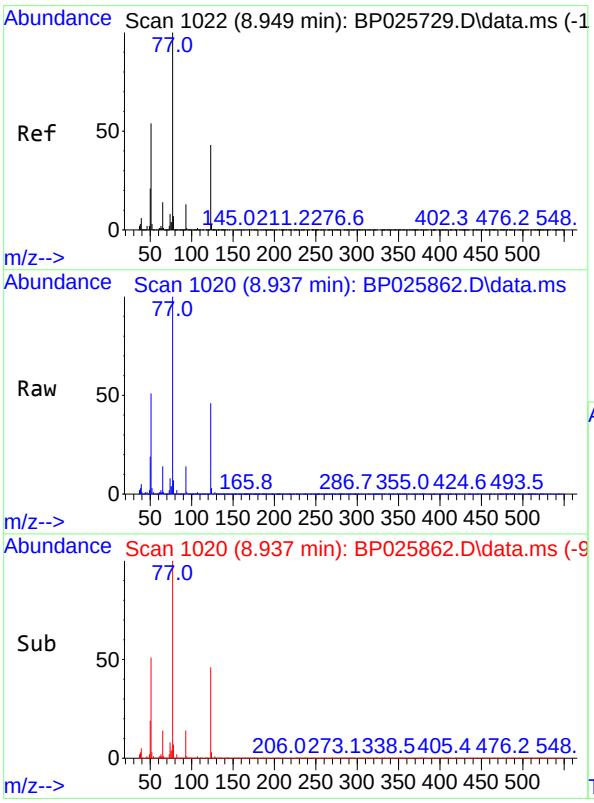
#23
Nitrobenzene-d5
Concen: 76.797 ng
RT: 8.895 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion: 82 Resp: 867536

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.9	49.3
54	47.9	43.4	65.2

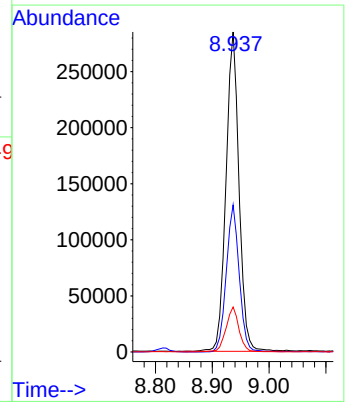


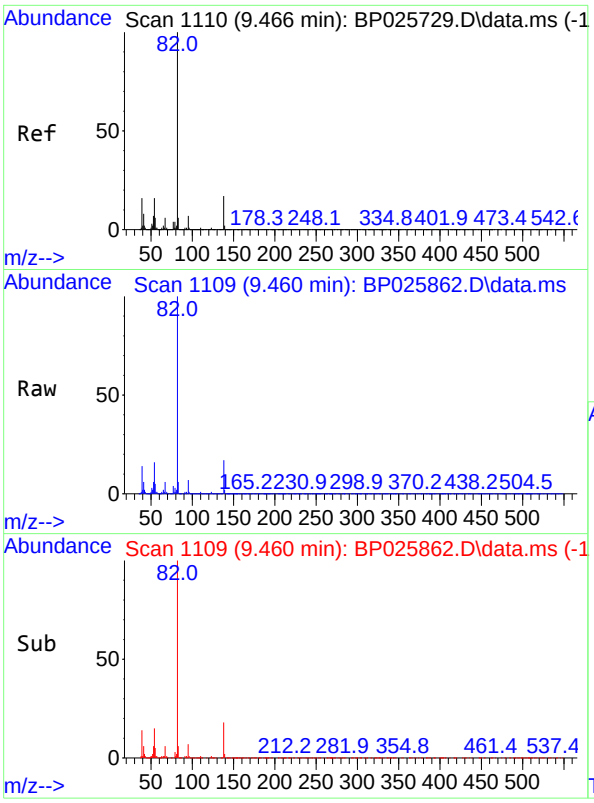


#24
Nitrobenzene
Concen: 44.965 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 77 Resp: 455673

Ion	Ratio	Lower	Upper
77	100		
123	46.0	34.4	51.6
65	14.0	10.8	16.2



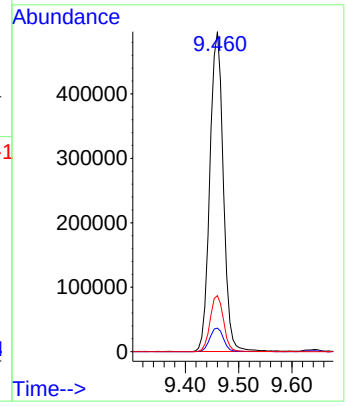


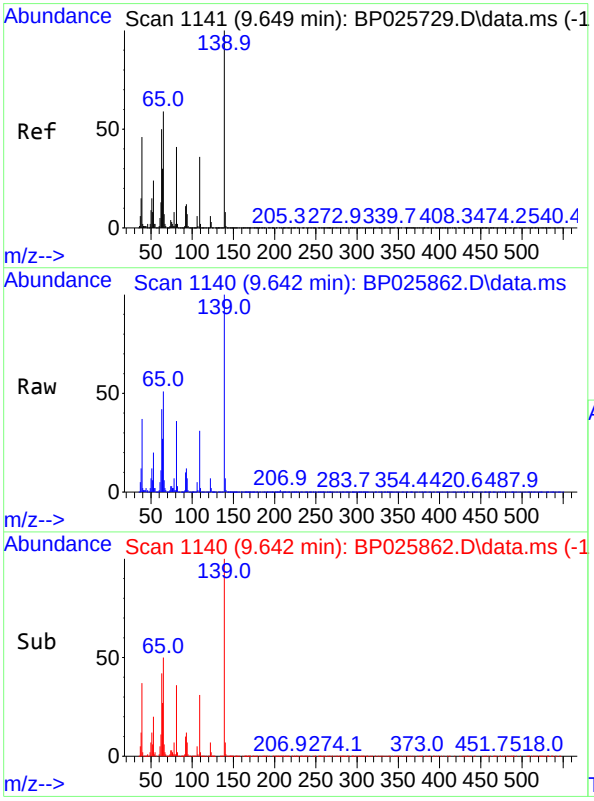
#25
Isophorone
Concen: 43.785 ng
RT: 9.460 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion: 82 Resp: 869375

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.8
138	17.5	13.5	20.3

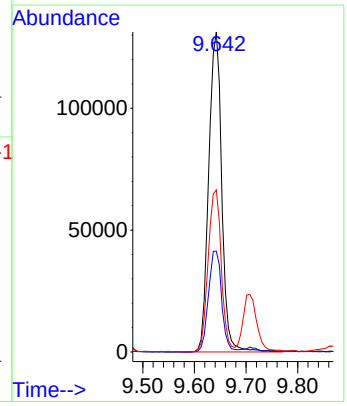


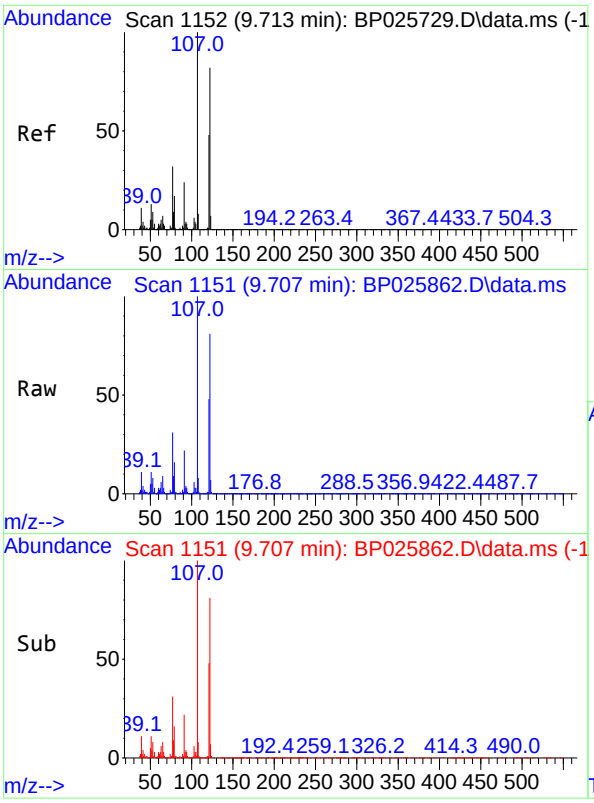


#26
2-Nitrophenol
Concen: 51.099 ng
RT: 9.642 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:139 Resp: 229911

Ion	Ratio	Lower	Upper
139	100		
109	31.5	29.0	43.4
65	50.6	46.9	70.3



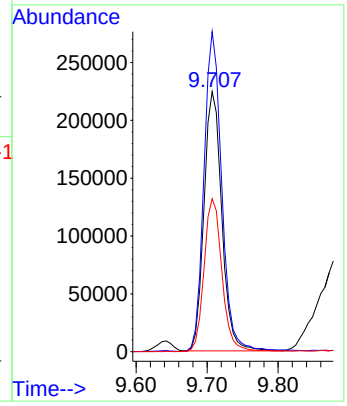


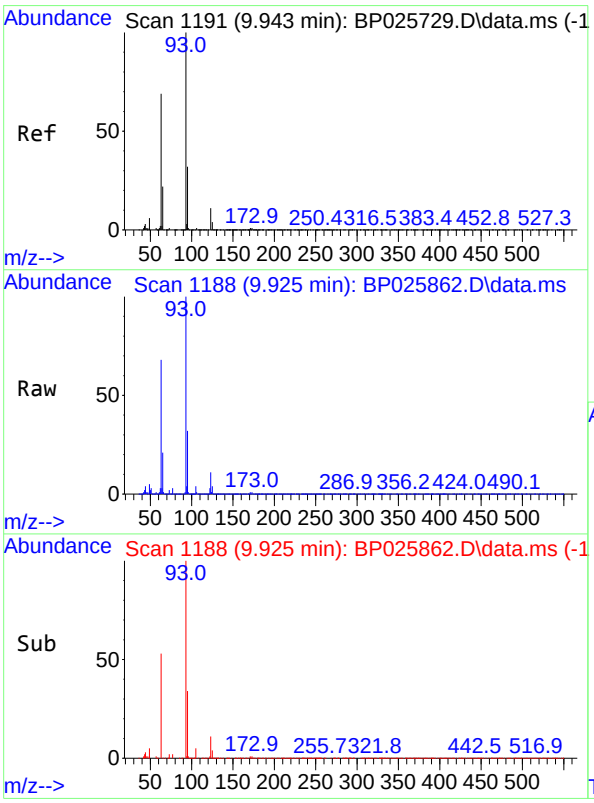
#27
2,4-Dimethylphenol
Concen: 49.625 ng
RT: 9.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:122 Resp: 391709

Ion	Ratio	Lower	Upper
122	100		
107	123.1	97.9	146.9
121	58.8	47.4	71.0

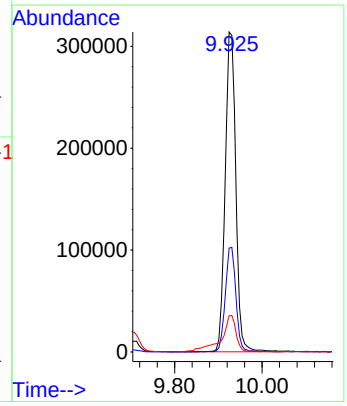


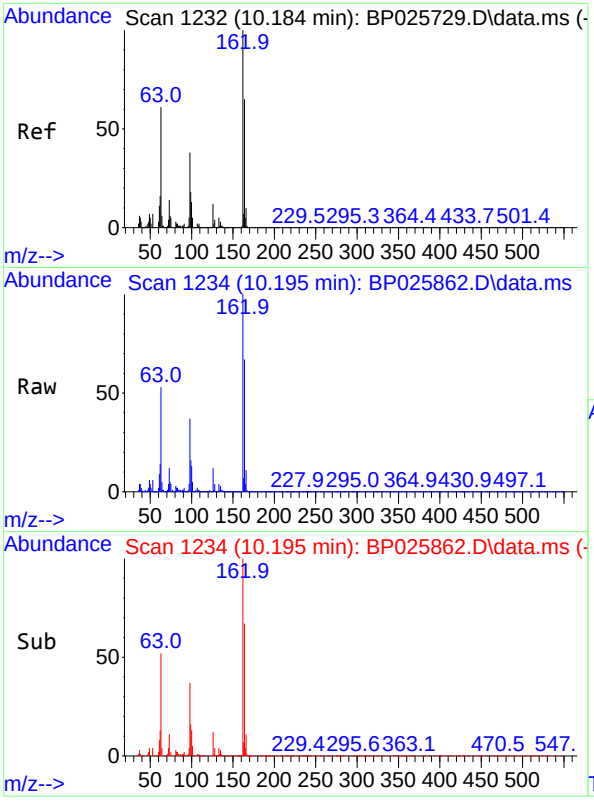


#28
bis(2-Chloroethoxy)methane
Concen: 45.796 ng
RT: 9.925 min Scan# 1188
Delta R.T. -0.018 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 93 Resp: 525625

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.6	38.4
123	11.3	9.2	13.8



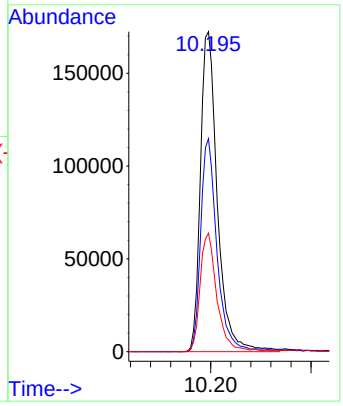


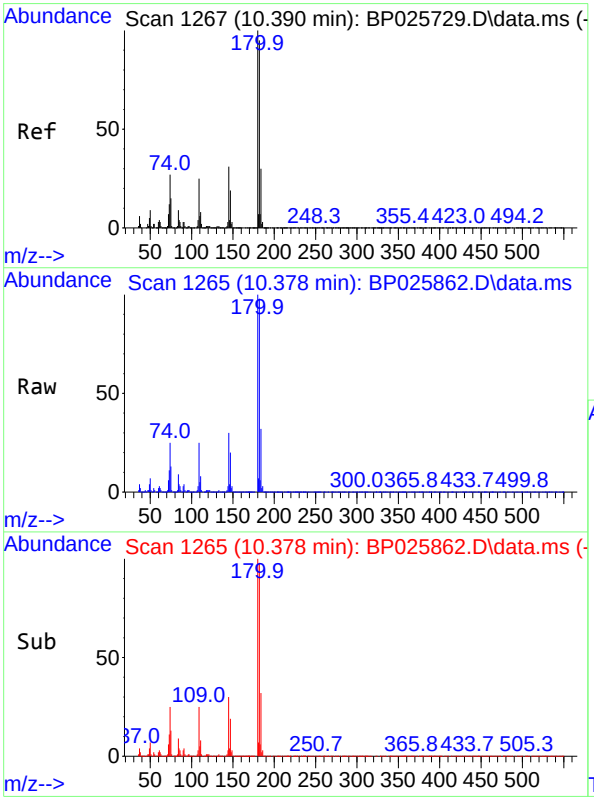
#29
2,4-Dichlorophenol
Concen: 51.463 ng
RT: 10.195 min Scan# 1
Delta R.T. 0.011 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:162 Resp: 405020

Ion	Ratio	Lower	Upper
162	100		
164	66.6	44.7	84.7
98	37.1	18.1	58.1

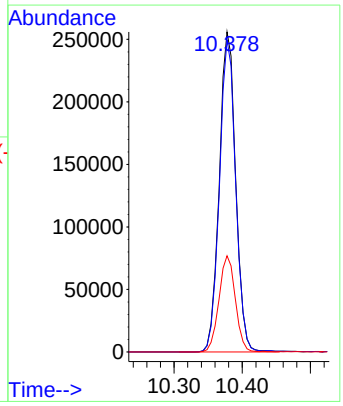


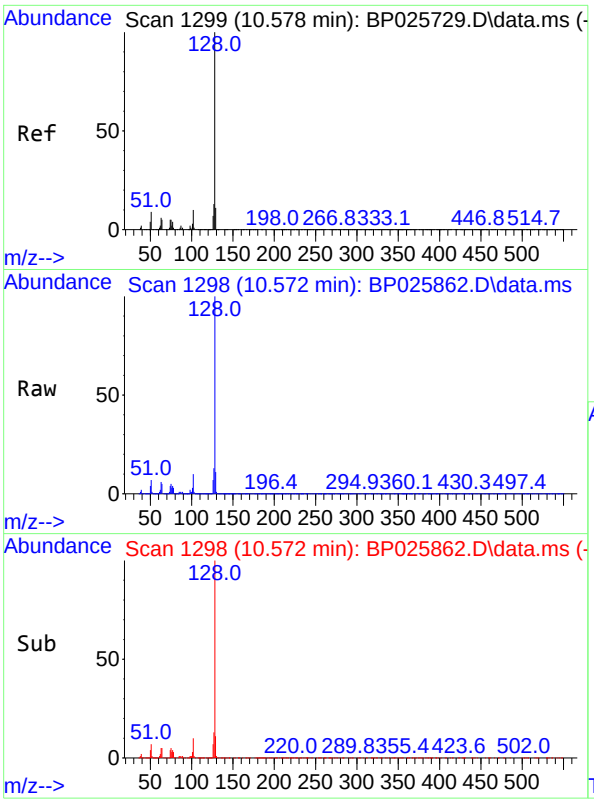


#30
1,2,4-Trichlorobenzene
Concen: 48.241 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:180 Resp: 427880

Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.0	114.0
145	30.1	24.7	37.1



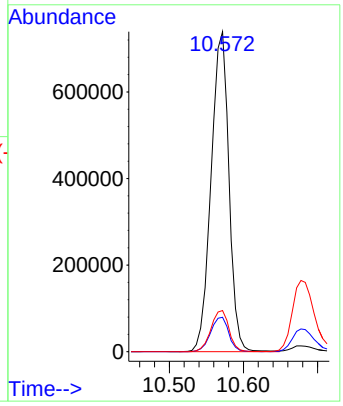


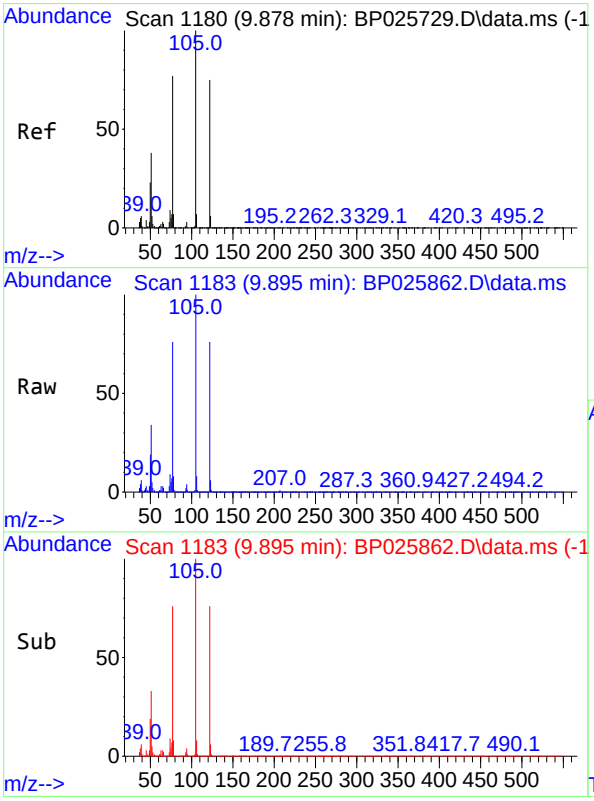
#31
Naphthalene
Concen: 45.907 ng
RT: 10.572 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:128 Resp: 1233456

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	12.8	10.2	15.4

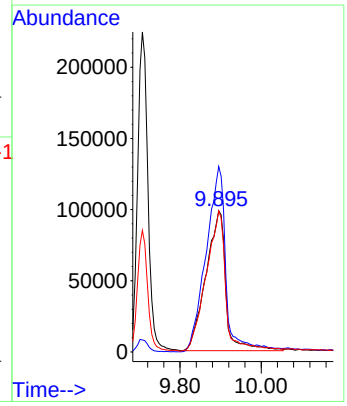


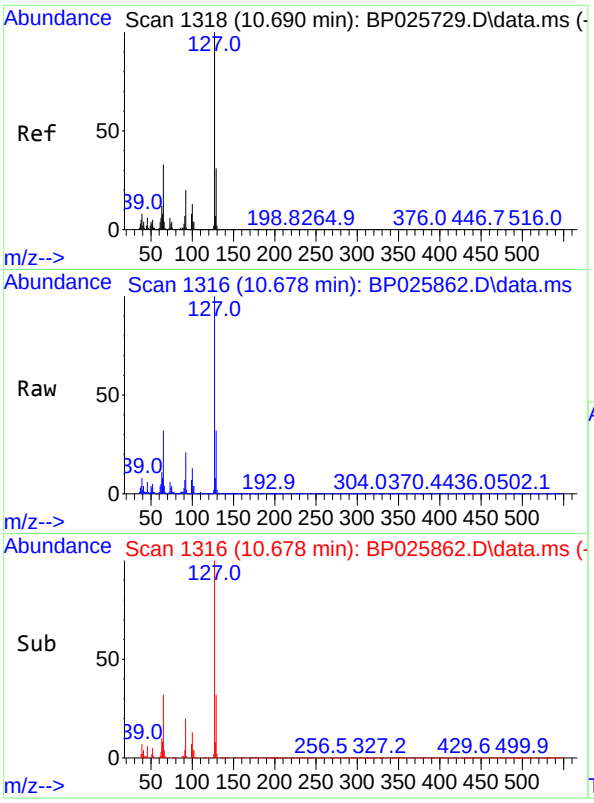


#32
Benzoic acid
Concen: 57.449 ng
RT: 9.895 min Scan# 1183
Delta R.T. 0.017 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:122 Resp: 337144

Ion	Ratio	Lower	Upper
122	100		
105	131.4	111.5	151.5
77	100.0	81.8	121.8



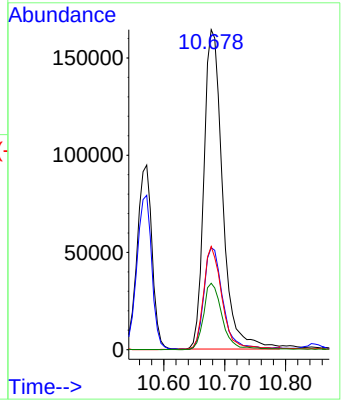


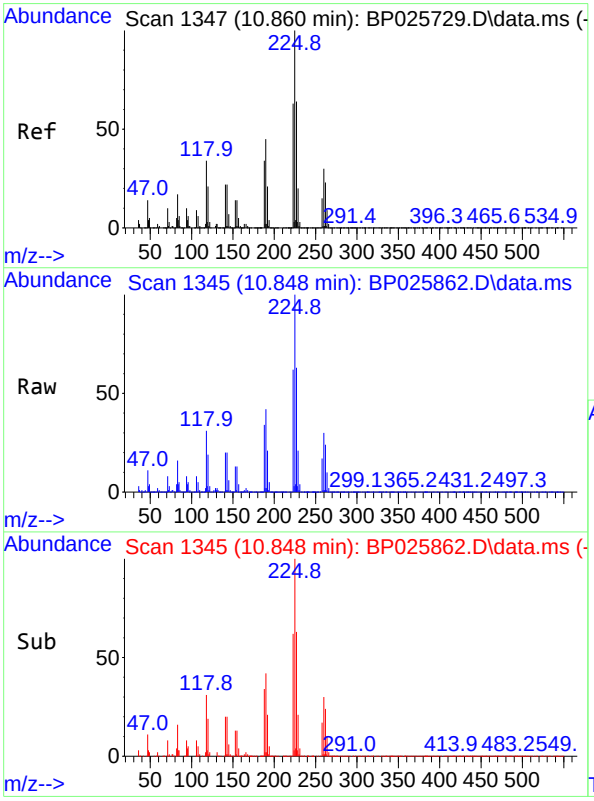
#33
4-Chloroaniline
Concen: 31.310 ng
RT: 10.678 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:127 Resp: 350637

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.1	37.7
65	32.3	26.4	39.6
92	20.8	15.9	23.9

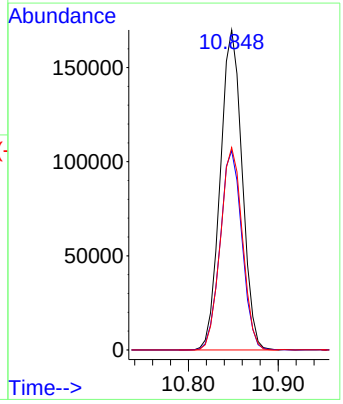


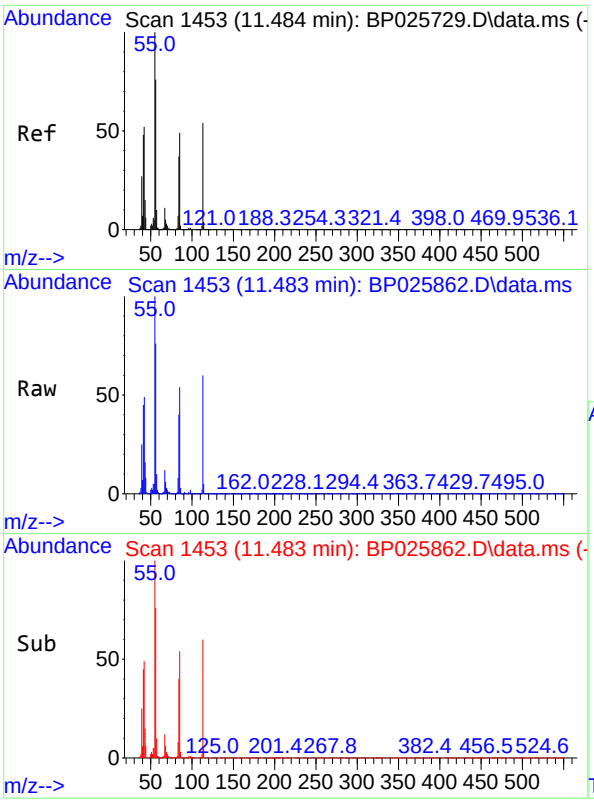


#34
Hexachlorobutadiene
Concen: 50.339 ng
RT: 10.848 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:225 Resp: 287424

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	63.2	51.2	76.8



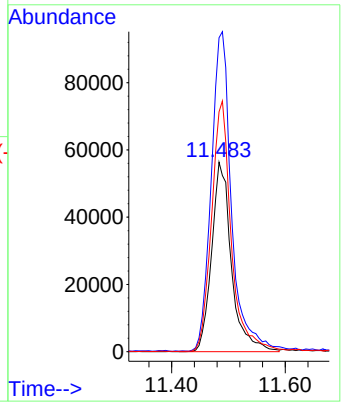


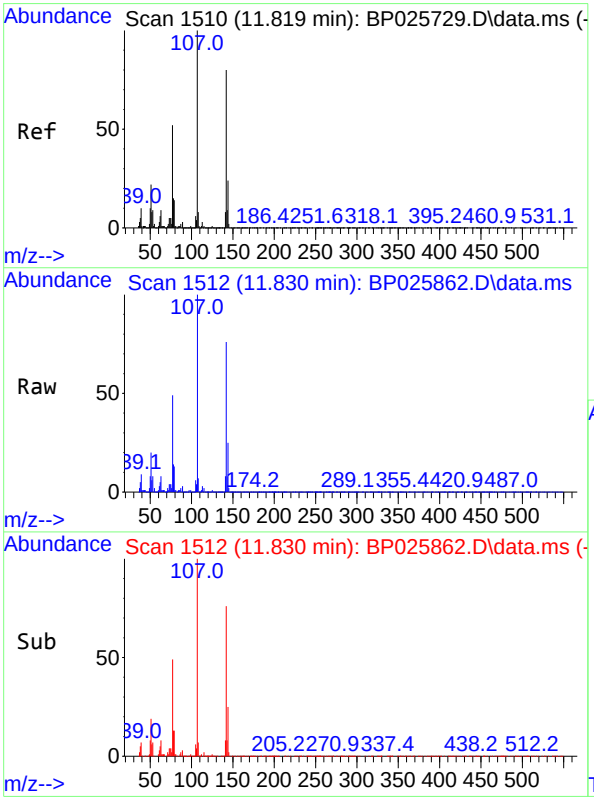
#35
Caprolactam
Concen: 44.897 ng
RT: 11.483 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:113 Resp: 136207

Ion	Ratio	Lower	Upper
113	100		
55	165.7	165.5	205.5
56	126.6	121.1	161.1

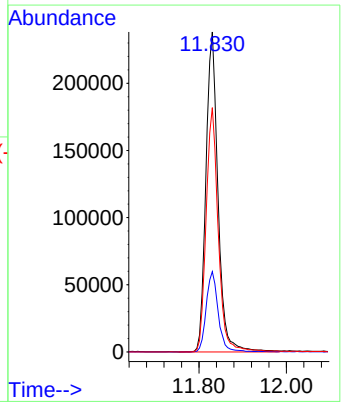


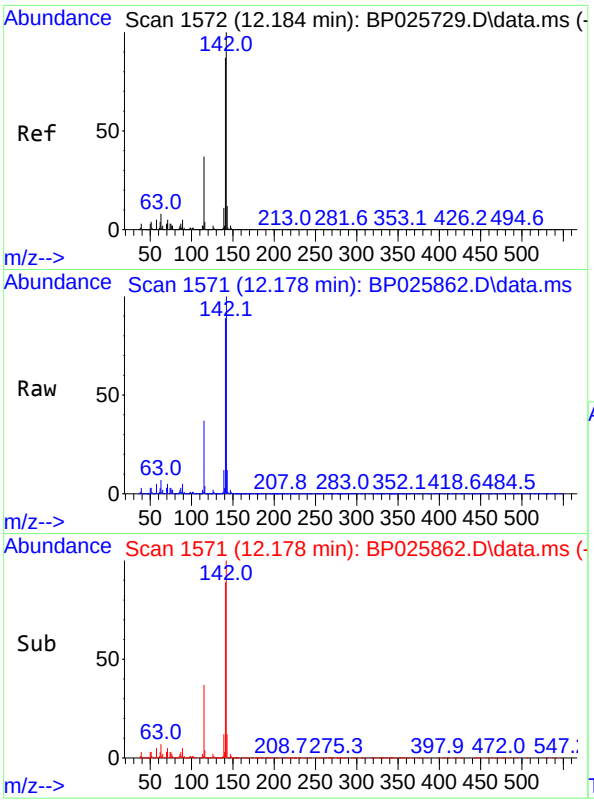


#36
4-Chloro-3-methylphenol
Concen: 48.905 ng
RT: 11.830 min Scan# 1512
Delta R.T. 0.011 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:107 Resp: 458867

Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.4	29.2
142	76.3	63.8	95.6



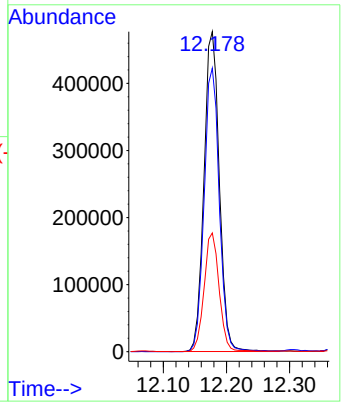


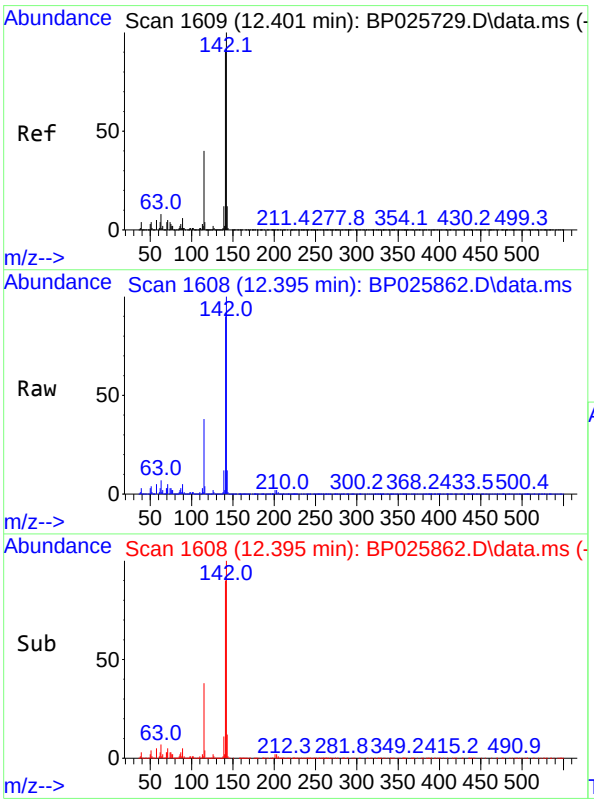
#37
2-Methylnaphthalene
Concen: 46.694 ng
RT: 12.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:142 Resp: 805809

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.6	104.4
115	37.1	30.0	45.0

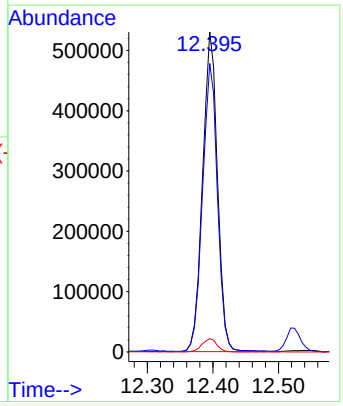


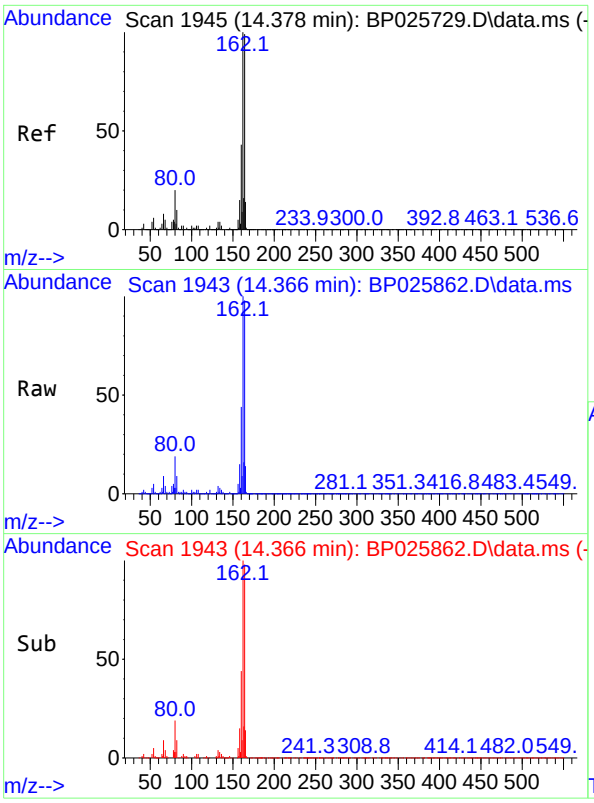


#38
1-Methylnaphthalene
Concen: 45.498 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:142 Resp: 837279

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.7	109.1
116	4.1	3.5	5.3



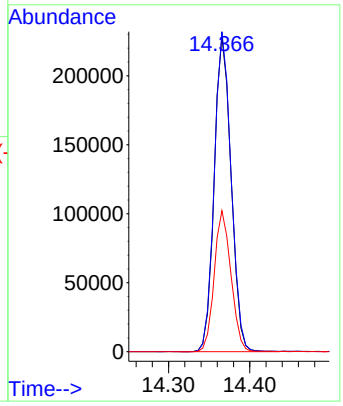


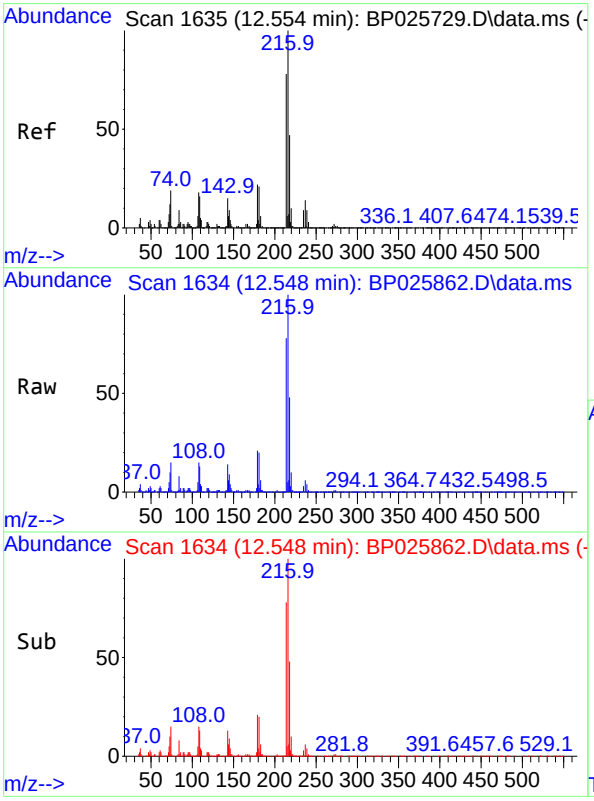
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.366 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:164 Resp: 329816

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	44.8	35.0	52.6

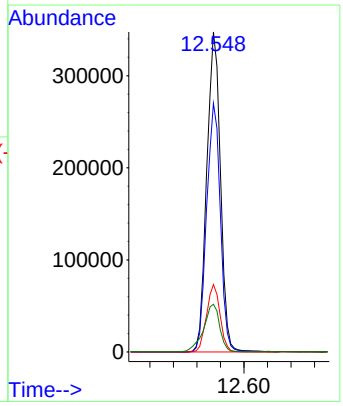


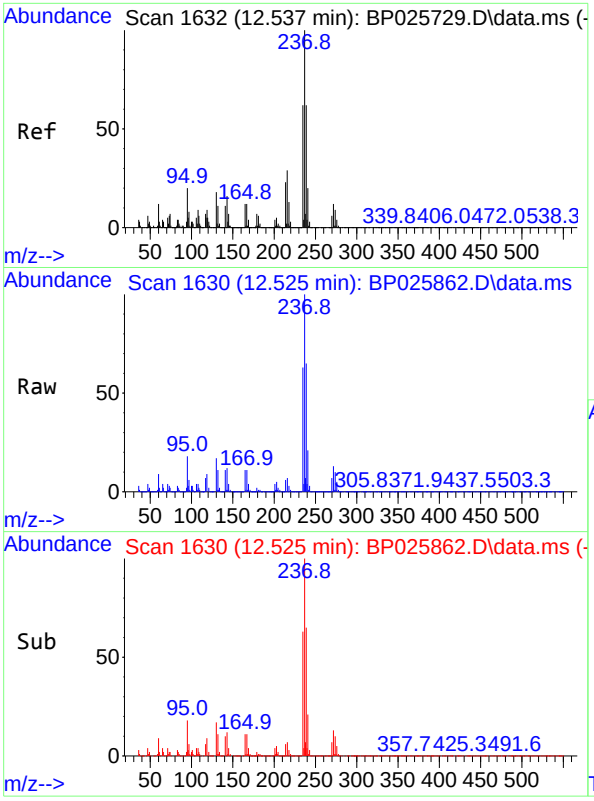


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.206 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:216 Resp: 561743

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	20.8	17.0	25.6
108	17.5	15.2	22.8



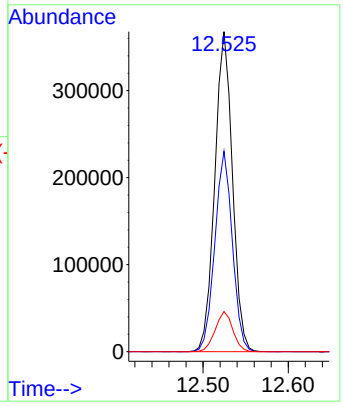


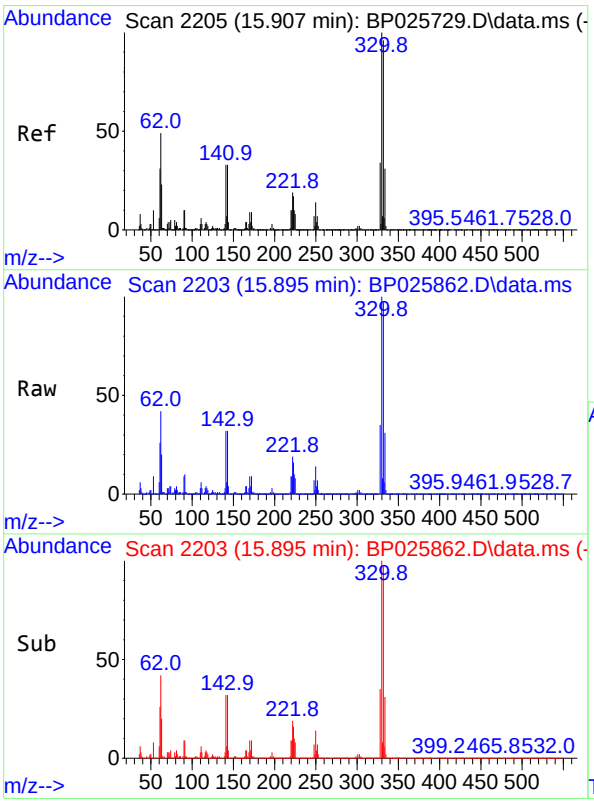
#41
Hexachlorocyclopentadiene
Concen: 97.450 ng
RT: 12.525 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:237 Resp: 530447

Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.9	81.9
272	12.5	0.0	31.8

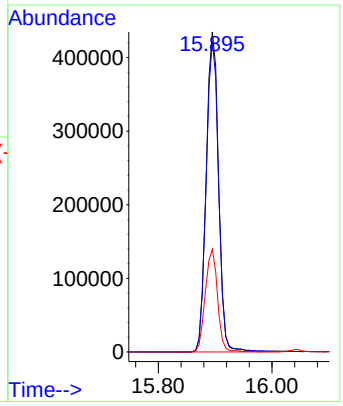


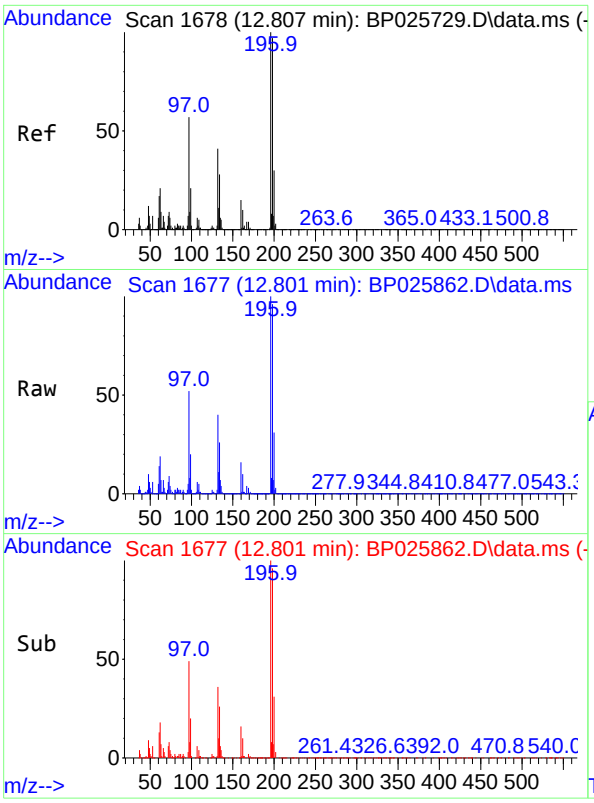


#42
2,4,6-Tribromophenol
Concen: 159.194 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:330 Resp: 654891

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	31.9	31.0	46.4



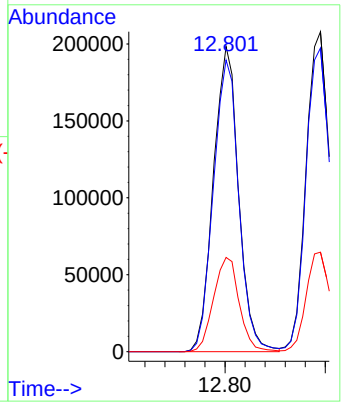


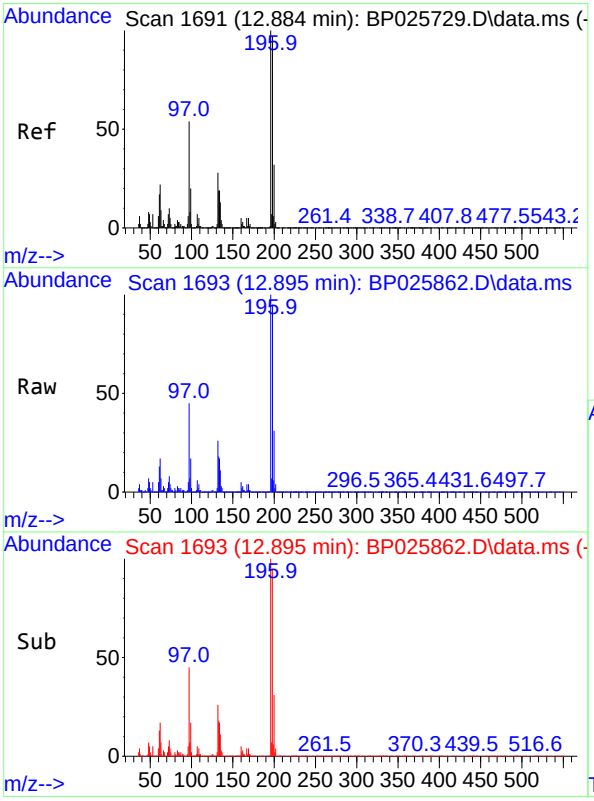
#43
2,4,6-Trichlorophenol
Concen: 52.711 ng
RT: 12.801 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:196 Resp: 346324

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.2	115.8
200	30.9	24.2	36.2

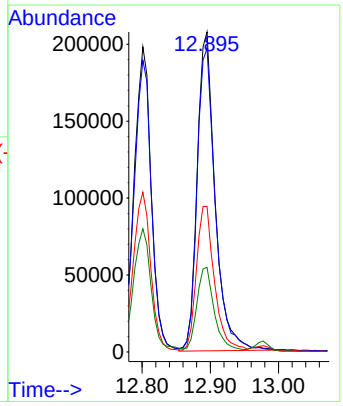


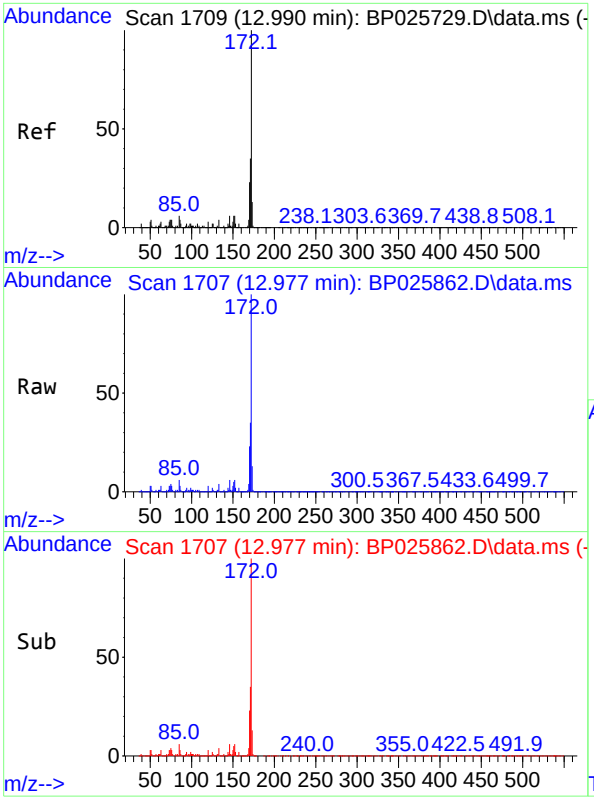


#44
2,4,5-Trichlorophenol
Concen: 51.946 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.011 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:196 Resp: 379843

Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.8	116.8
97	45.5	43.3	64.9
132	26.5	22.3	33.5



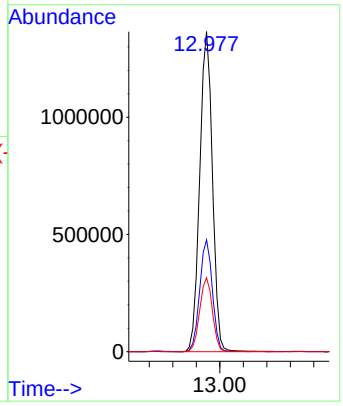


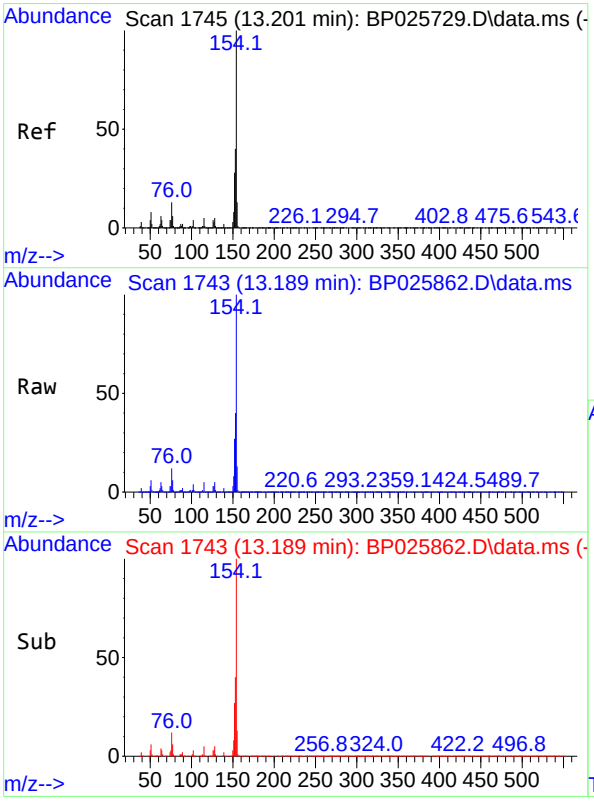
#45
2-Fluorobiphenyl
Concen: 82.797 ng
RT: 12.977 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:172 Resp: 2050890

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.1	18.6	27.8

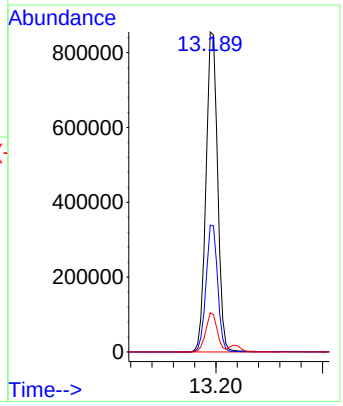


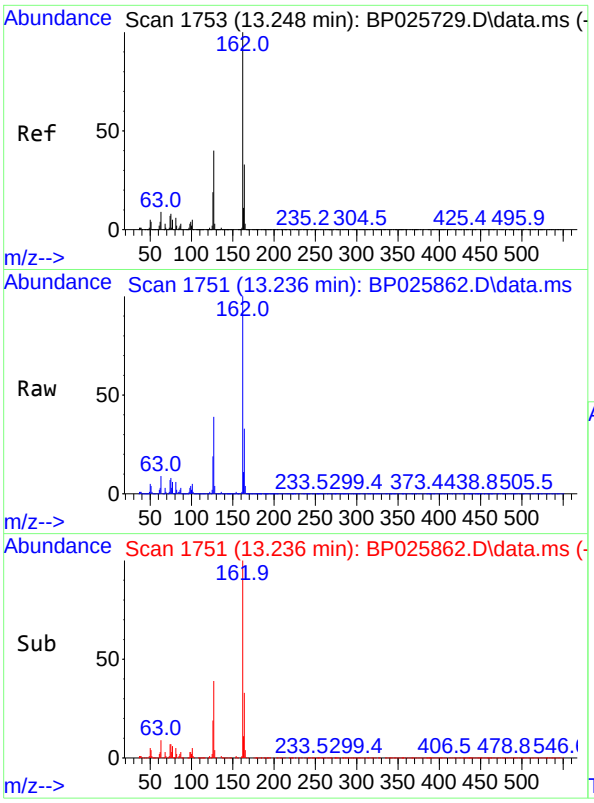


#46
1,1'-Biphenyl
Concen: 53.528 ng
RT: 13.189 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:154 Resp: 1295843

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.7	59.7
76	12.3	0.0	33.3



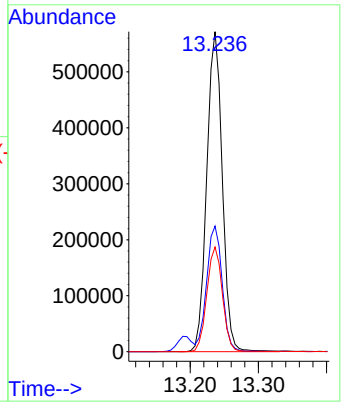


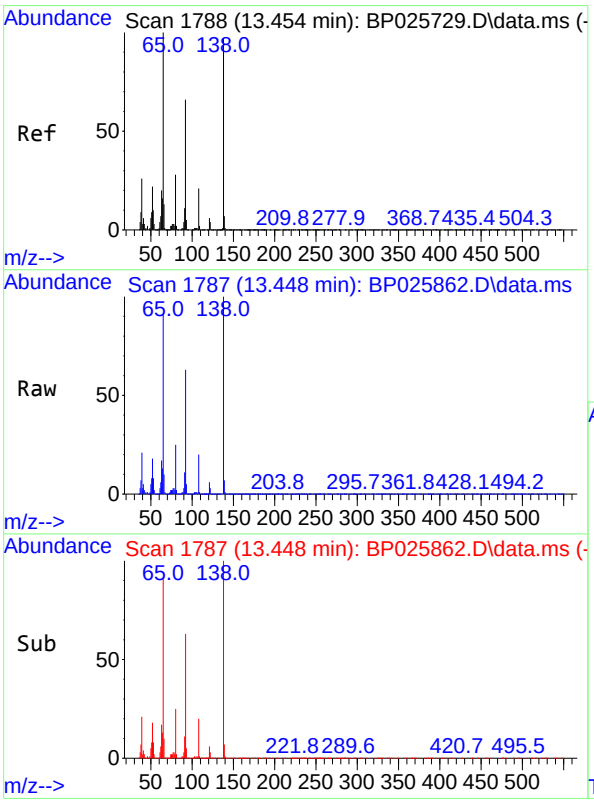
#47
2-Chloronaphthalene
Concen: 47.470 ng
RT: 13.236 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:162 Resp: 904857

Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.2	48.4
164	32.7	26.5	39.7

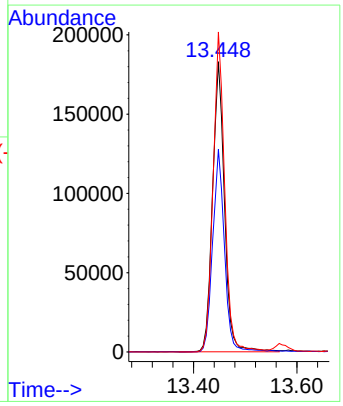


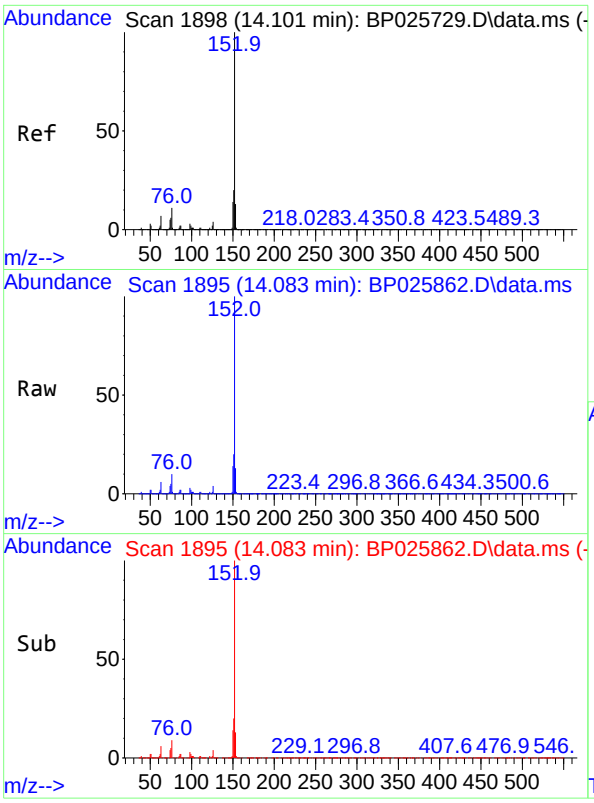


#48
2-Nitroaniline
Concen: 46.224 ng
RT: 13.448 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion: 65 Resp: 293717

Ion	Ratio	Lower	Upper
65	100		
92	69.8	53.1	79.7
138	110.2	77.8	116.8



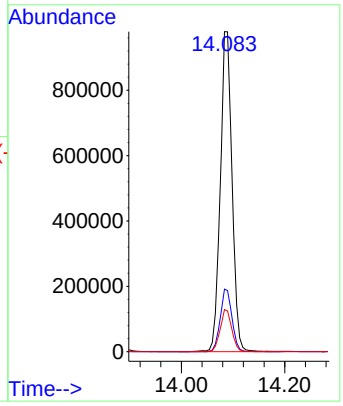


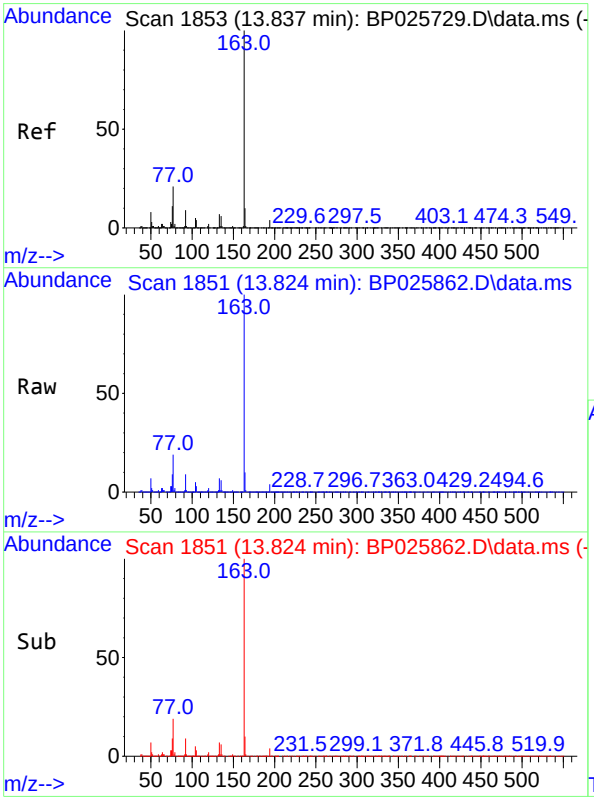
#49
Acenaphthylene
Concen: 48.764 ng
RT: 14.083 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:152 Resp: 1540130

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.2	10.5	15.7

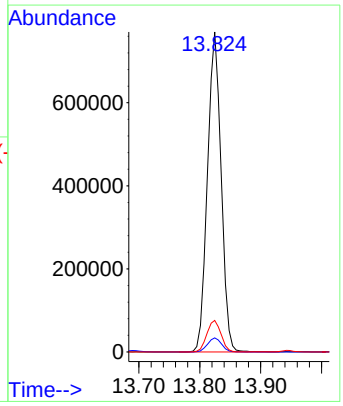


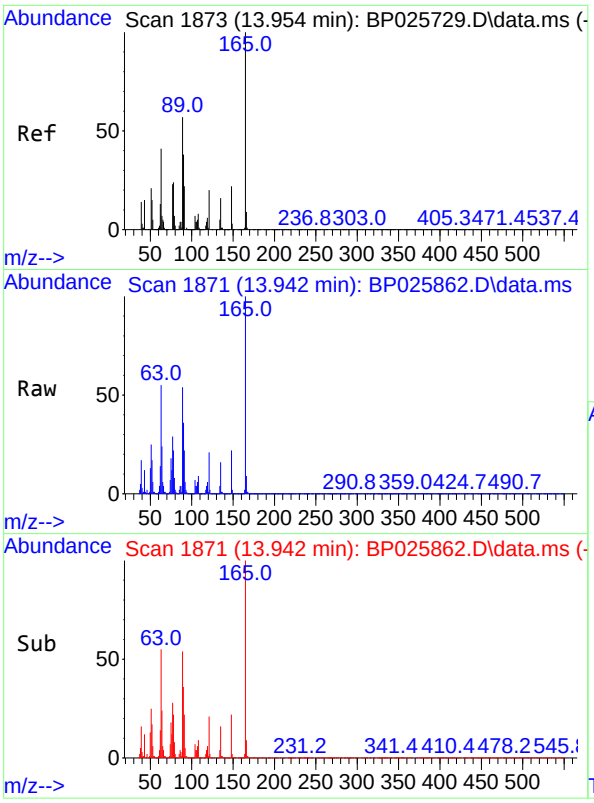


#50
Dimethylphthalate
Concen: 47.764 ng
RT: 13.824 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:163 Resp: 1202704

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.9	8.2	12.2



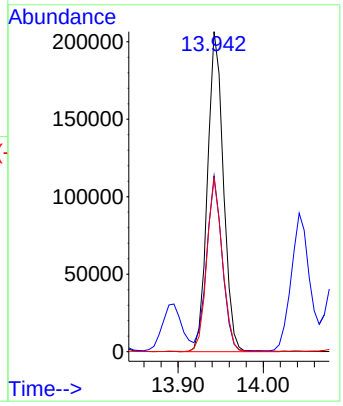


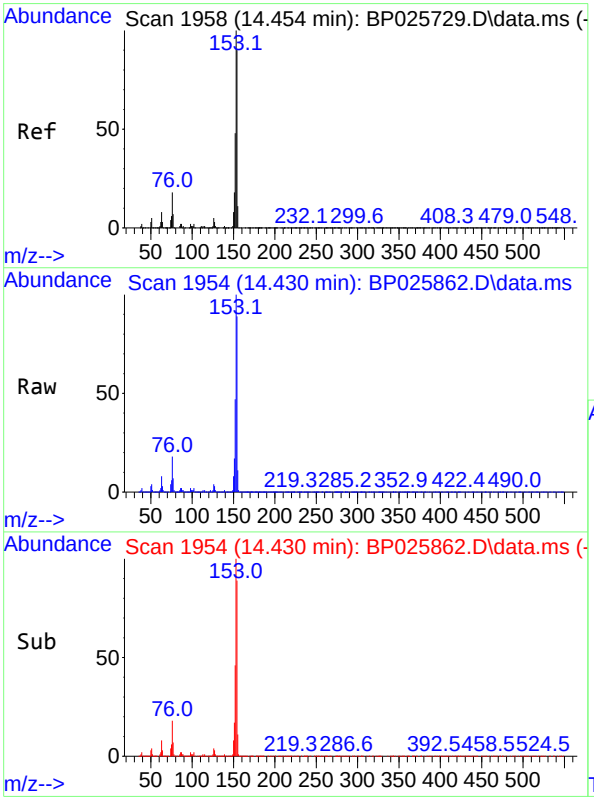
#51
2,6-Dinitrotoluene
Concen: 50.053 ng
RT: 13.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:165 Resp: 267025

Ion	Ratio	Lower	Upper
165	100		
63	54.9	48.1	72.1
89	54.1	45.4	68.0

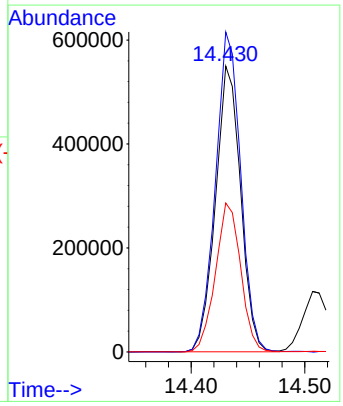


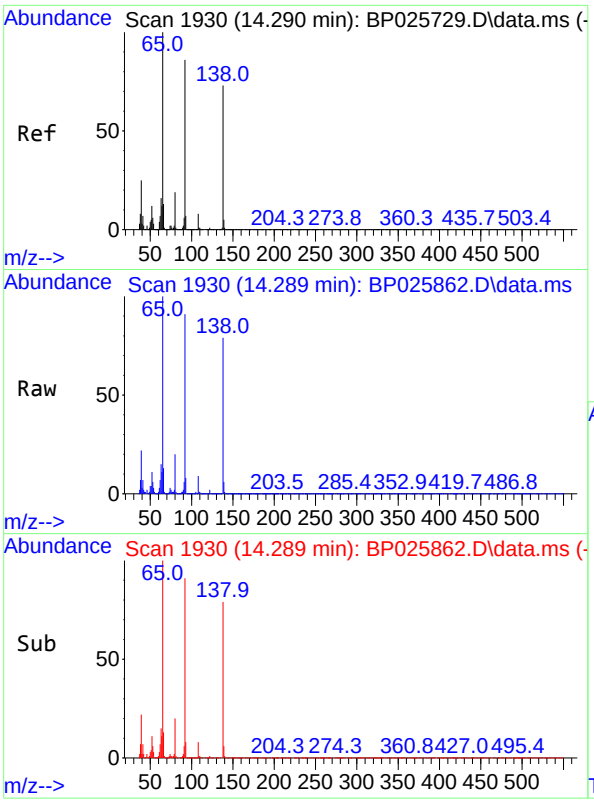


#52
Acenaphthene
Concen: 46.442 ng
RT: 14.430 min Scan# 1954
Delta R.T. -0.024 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:154 Resp: 845898

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.4	134.0
152	52.1	42.5	63.7



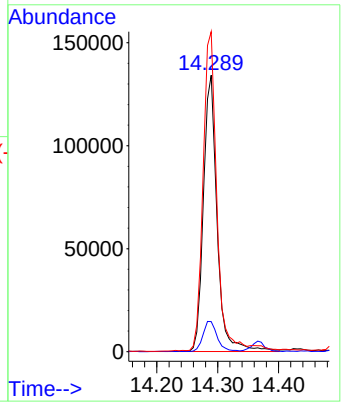


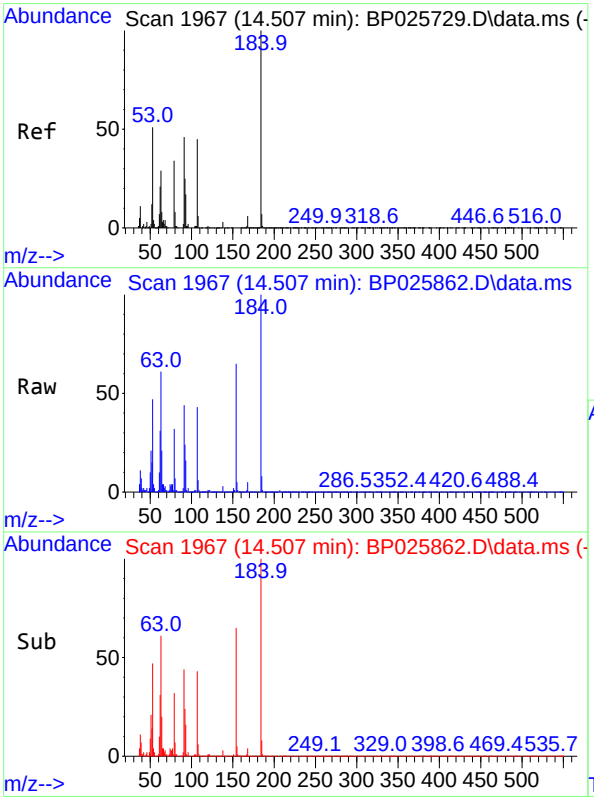
#53
3-Nitroaniline
Concen: 37.470 ng
RT: 14.289 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:138 Resp: 210210

Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	115.7	94.6	142.0

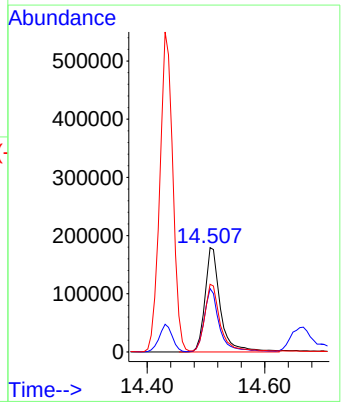


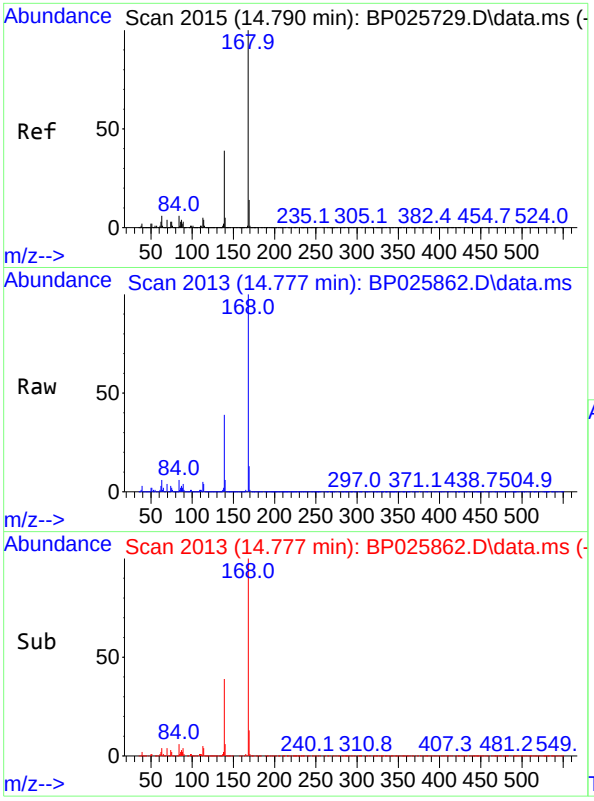


#54
2,4-Dinitrophenol
Concen: 93.159 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:184 Resp: 326061

Ion	Ratio	Lower	Upper
184	100		
63	60.7	52.5	78.7
154	64.8	51.5	77.3



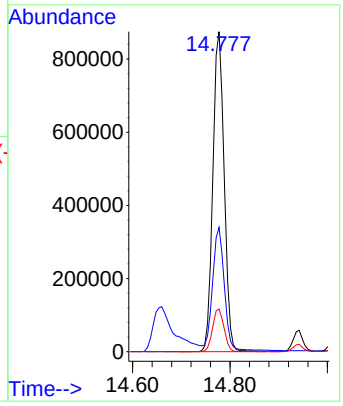


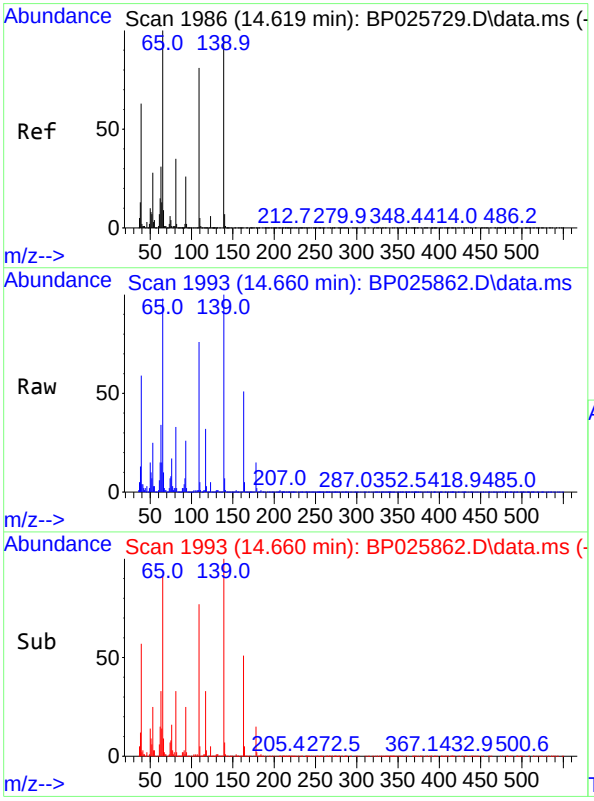
#55
Dibenzofuran
Concen: 47.284 ng
RT: 14.777 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:168 Resp: 1403644

Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.7	47.5
169	13.3	10.8	16.2

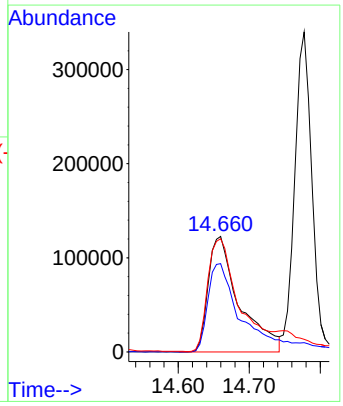


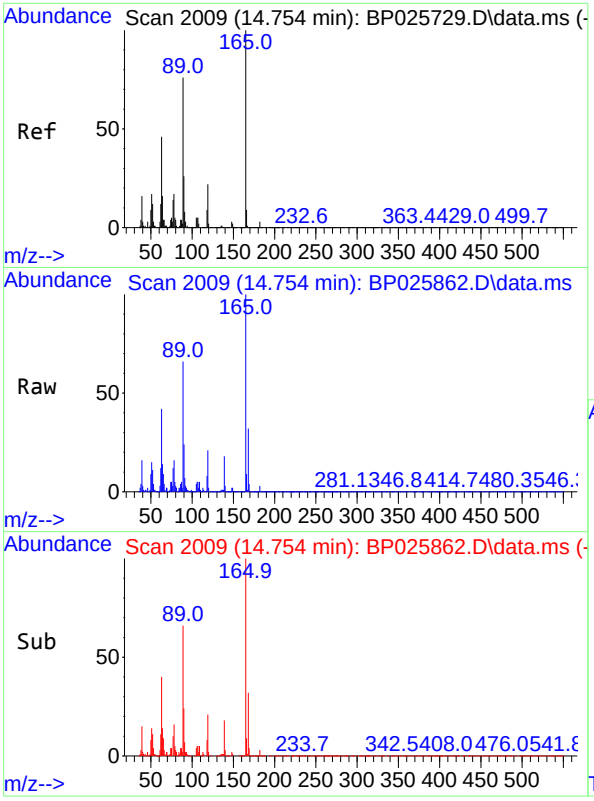


#56
4-Nitrophenol
Concen: 77.478 ng
RT: 14.660 min Scan# 1993
Delta R.T. 0.041 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:139 Resp: 373586

Ion	Ratio	Lower	Upper
139	100		
109	76.5	62.9	102.9
65	98.0	83.4	123.4



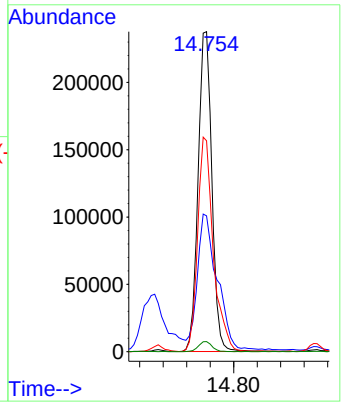


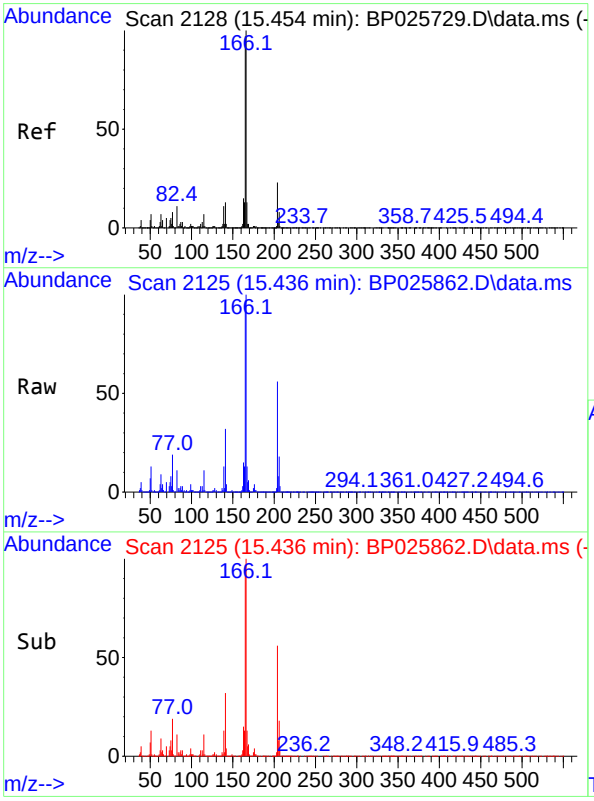
#57
2,4-Dinitrotoluene
Concen: 50.968 ng
RT: 14.754 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:165 Resp: 386961

Ion	Ratio	Lower	Upper
165	100		
63	42.5	37.7	56.5
89	65.9	61.0	91.6
182	3.2	2.4	3.6

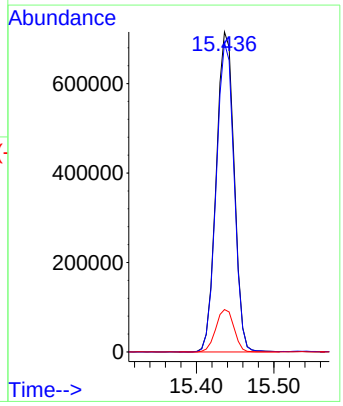


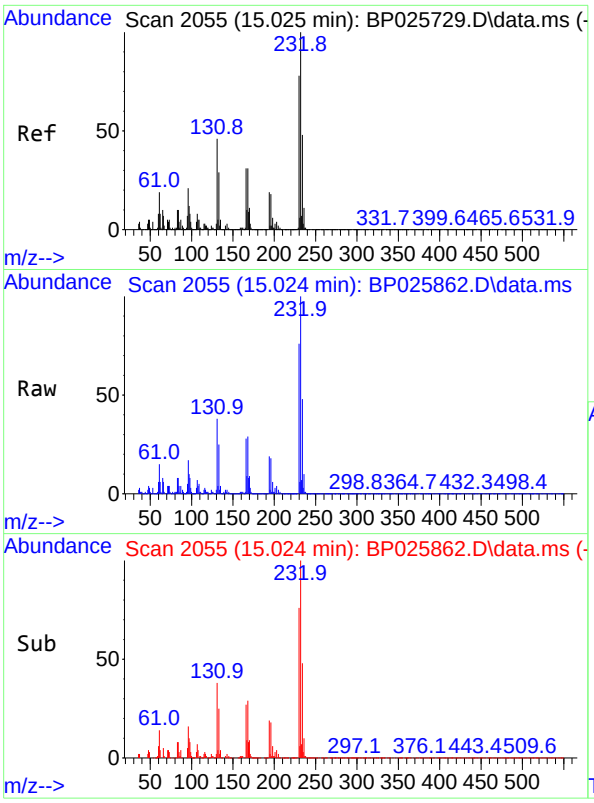


#58
Fluorene
Concen: 48.602 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:166 Resp: 1147258

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.7	116.5
167	13.3	10.6	16.0



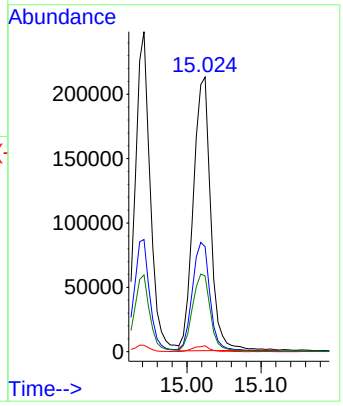


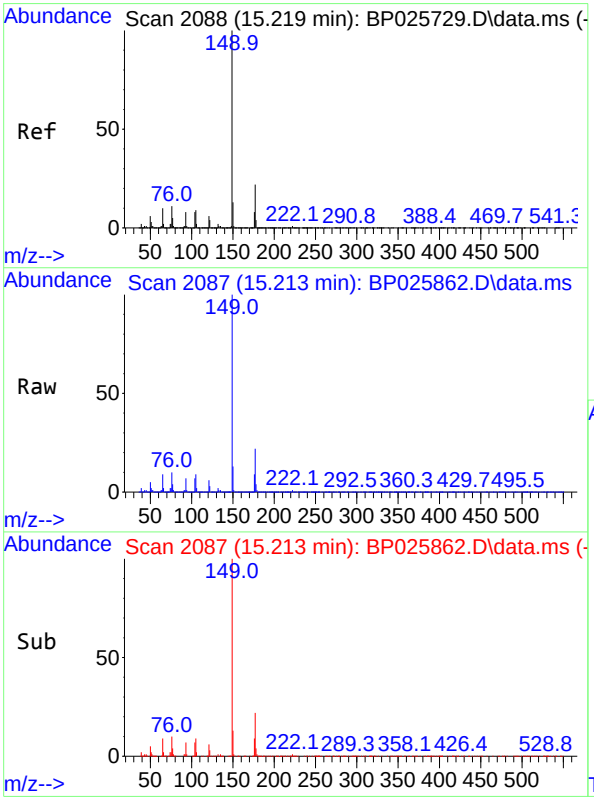
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.552 ng
RT: 15.024 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:232 Resp: 346159

Ion	Ratio	Lower	Upper
232	100		
131	40.6	36.7	55.1
130	2.0	2.0	3.0
166	29.1	25.4	38.2

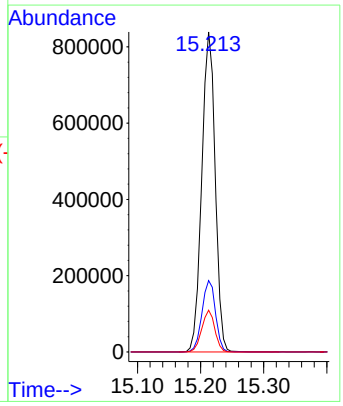


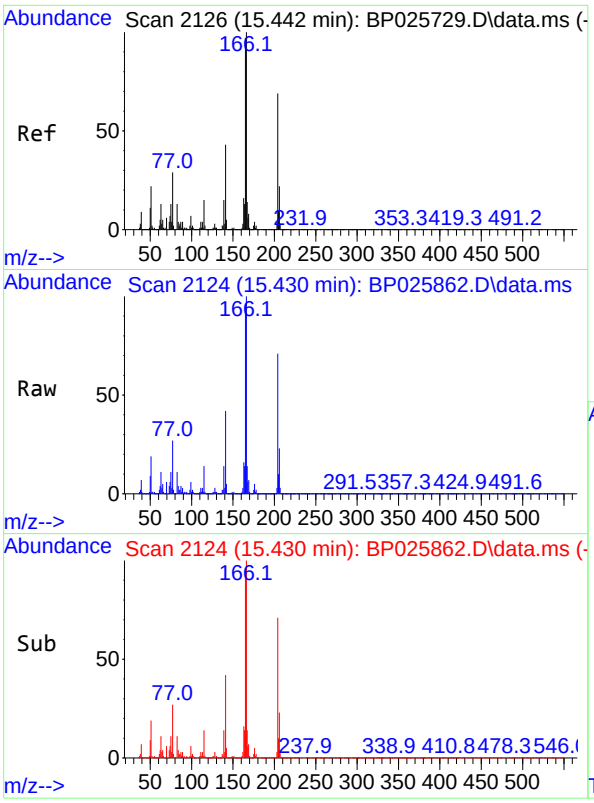


#60
Diethylphthalate
Concen: 48.392 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:149 Resp: 1236009

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.7	26.5
150	13.0	10.0	15.0



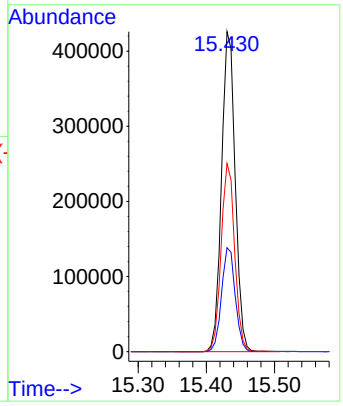


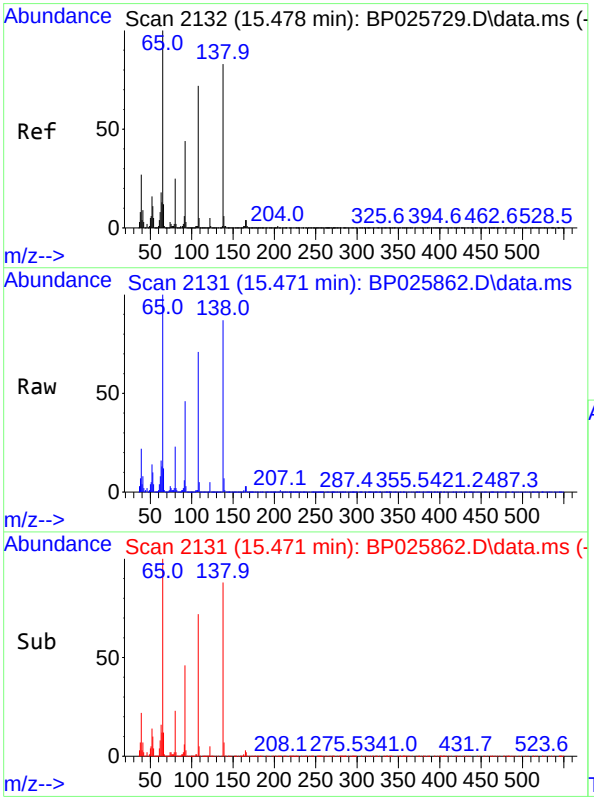
#61
4-Chlorophenyl-phenylether
Concen: 49.886 ng
RT: 15.430 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:204 Resp: 593466

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	58.8	49.7	74.5

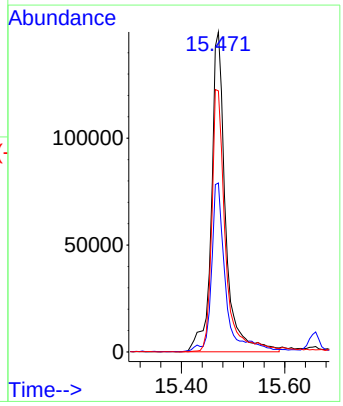


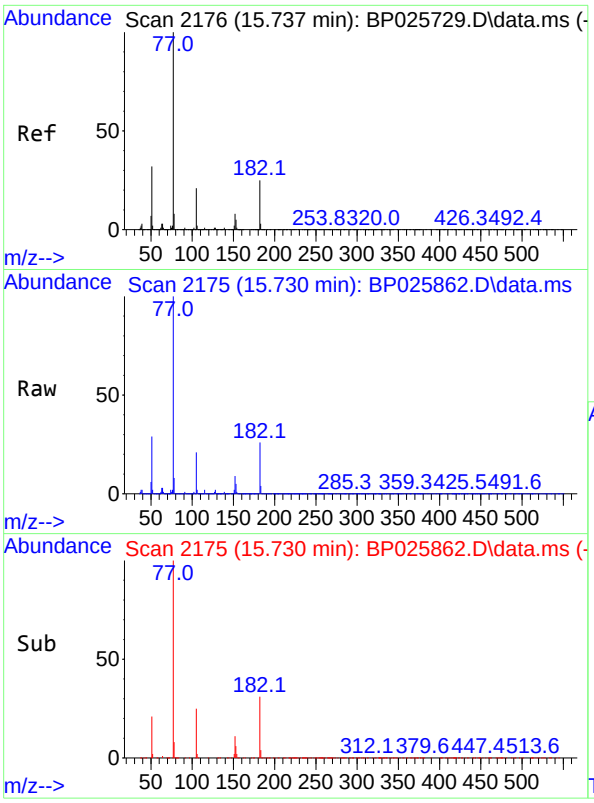


#62
4-Nitroaniline
Concen: 49.591 ng
RT: 15.471 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:138 Resp: 285016

Ion	Ratio	Lower	Upper
138	100		
92	52.8	33.3	73.3
108	81.6	66.7	106.7



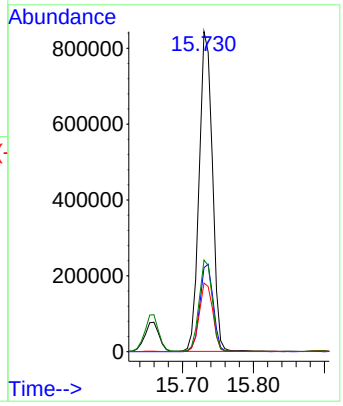


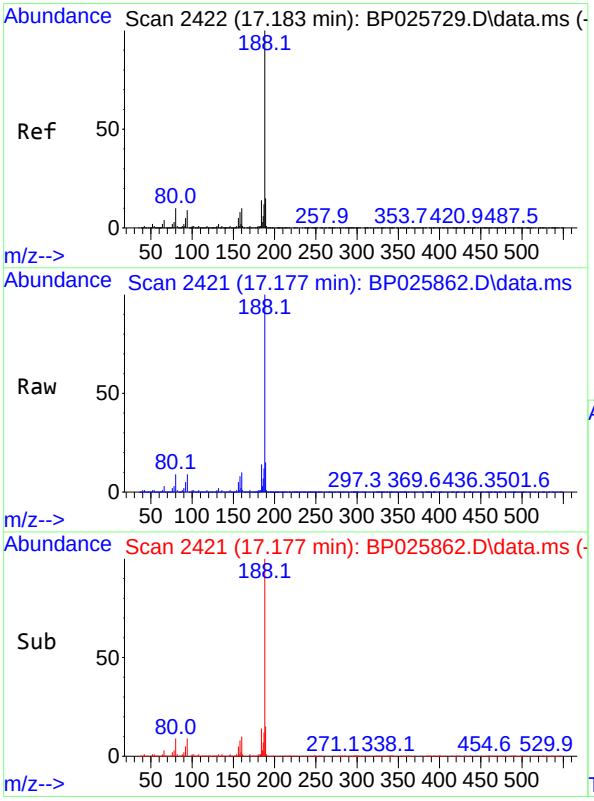
#63
Azobenzene
Concen: 44.386 ng
RT: 15.730 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion: 77 Resp: 1096204

Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.2	45.2
105	21.4	1.1	41.1
51	28.6	11.6	51.6

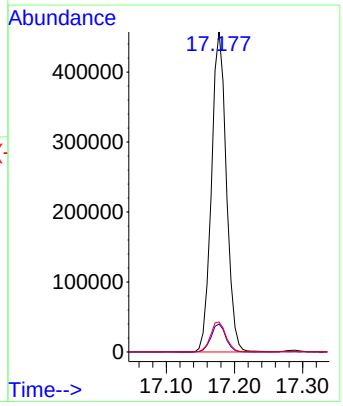


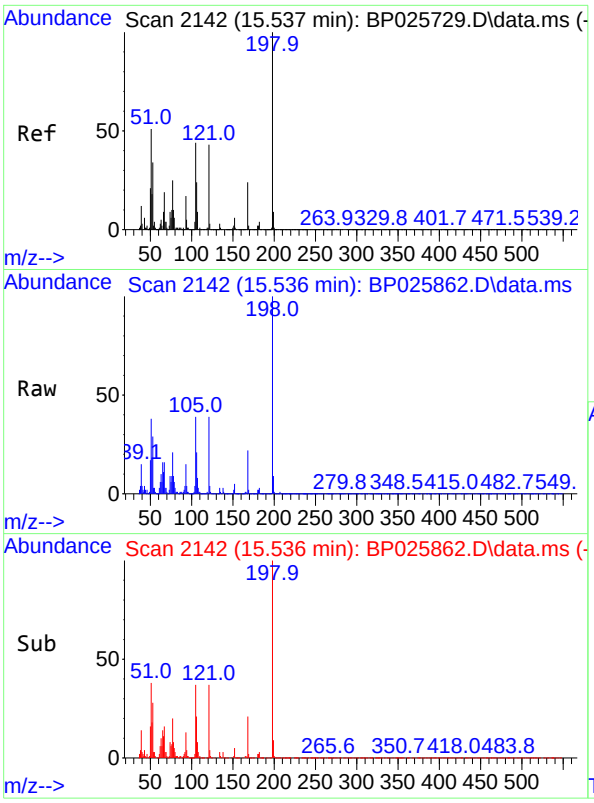


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.177 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:188 Resp: 695295

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.0
80	9.3	7.7	11.5



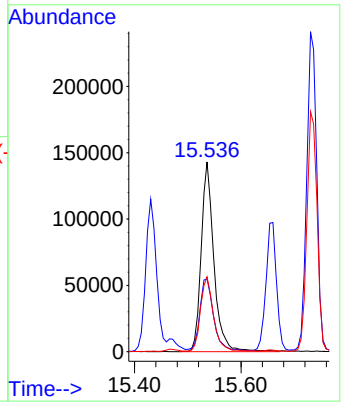


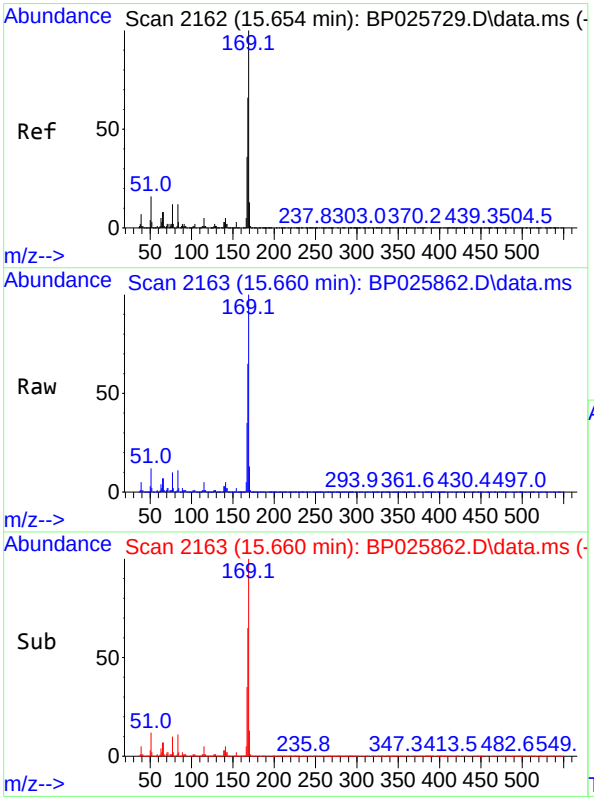
#65
4,6-Dinitro-2-methylphenol
Concen: 51.246 ng
RT: 15.536 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:198 Resp: 236960

Ion	Ratio	Lower	Upper
198	100		
51	38.5	33.4	73.4
105	39.5	24.3	64.3

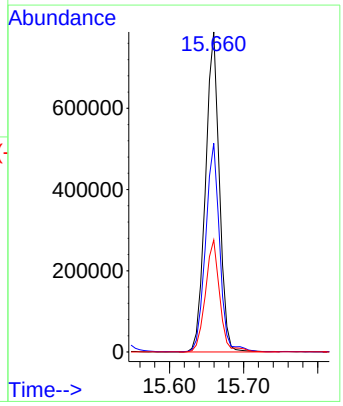


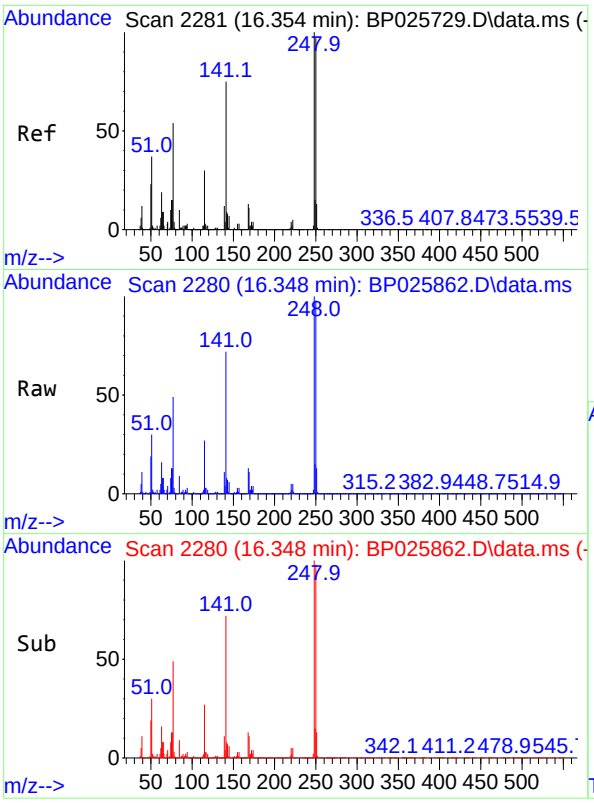


#66
n-Nitrosodiphenylamine
Concen: 48.088 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:169 Resp: 1023204

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.6	78.8
167	35.0	28.5	42.7



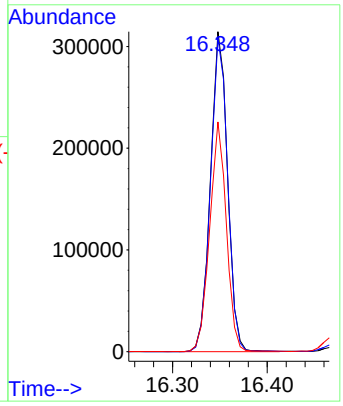


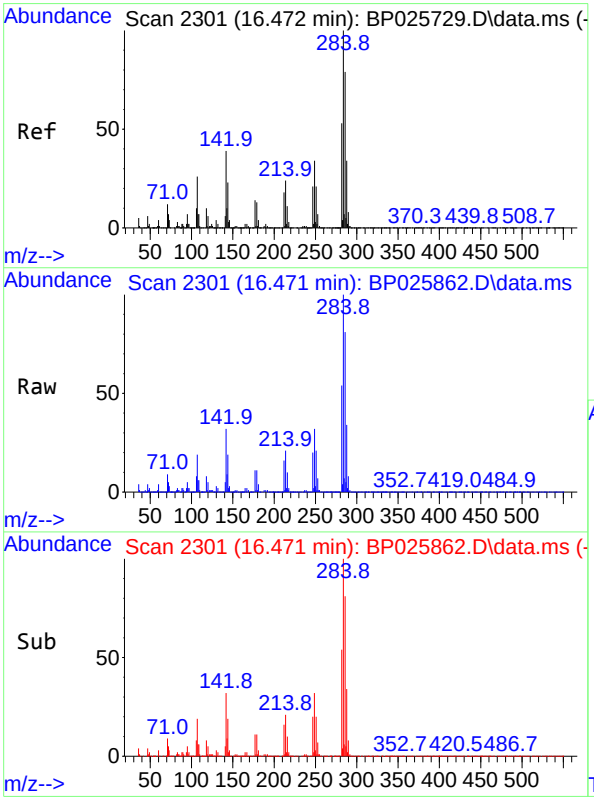
#67
4-Bromophenyl-phenylether
Concen: 51.449 ng
RT: 16.348 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:248 Resp: 392989

Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.5	116.3
141	71.8	60.2	90.4

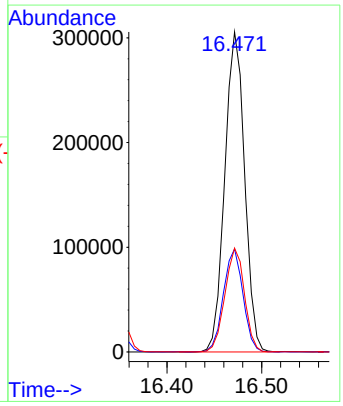


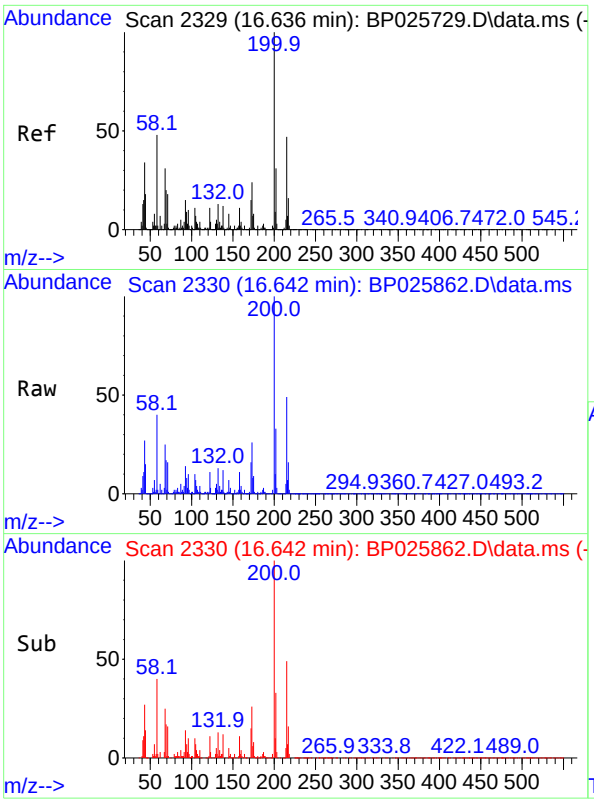


#68
Hexachlorobenzene
Concen: 52.224 ng
RT: 16.471 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:284 Resp: 444855

Ion	Ratio	Lower	Upper
284	100		
142	32.2	31.3	46.9
249	32.4	27.3	40.9



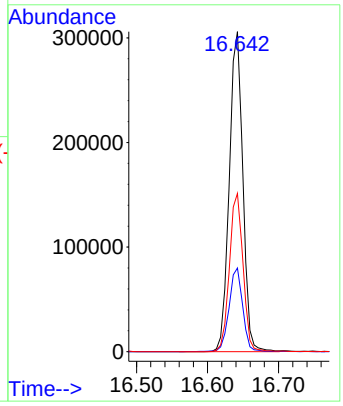


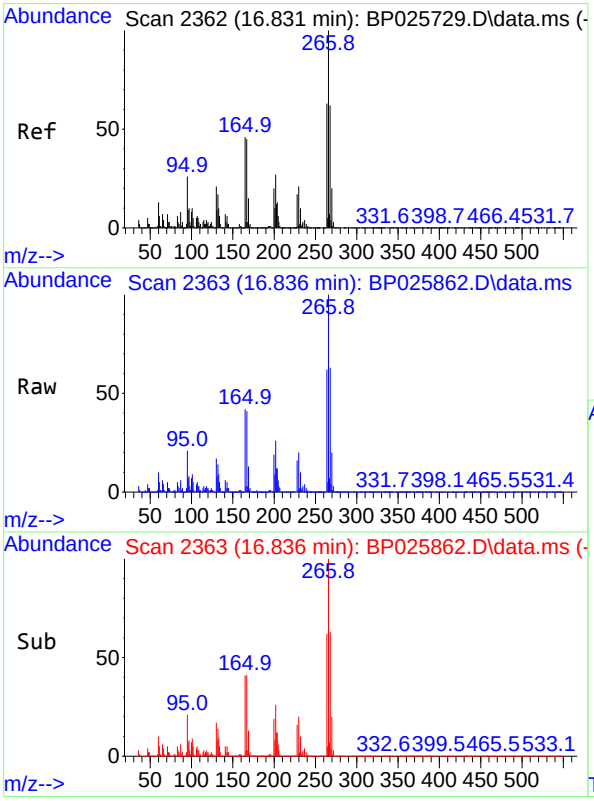
#69
Atrazine
Concen: 49.749 ng
RT: 16.642 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:200 Resp: 404623

Ion	Ratio	Lower	Upper
200	100		
173	26.2	4.2	44.2
215	49.5	27.3	67.3

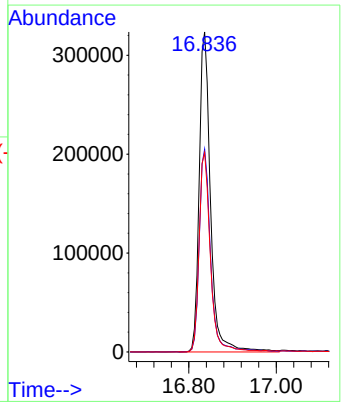


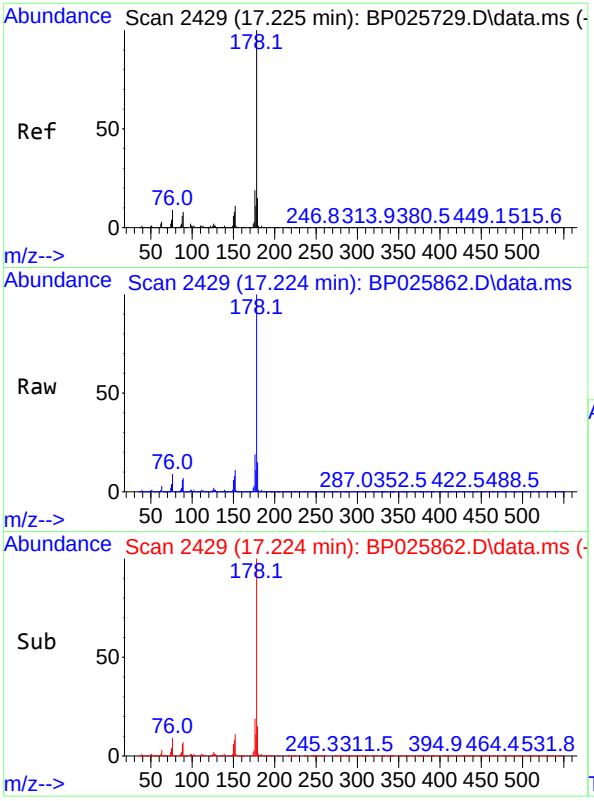


#70
Pentachlorophenol
Concen: 103.647 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:266 Resp: 582695

Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.8
264	62.3	50.2	75.2



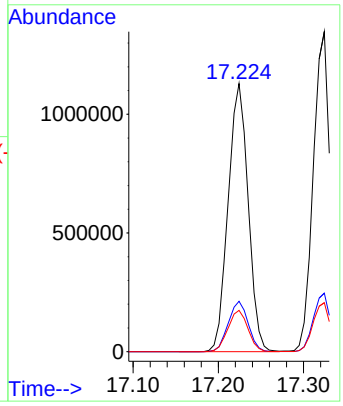


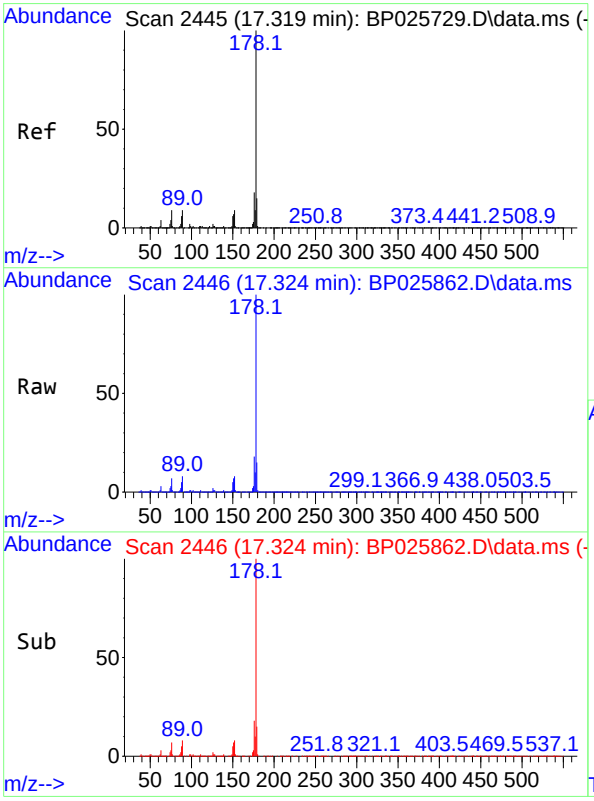
#71
Phenanthrene
Concen: 46.747 ng
RT: 17.224 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:178 Resp: 1843738

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.4	12.2	18.4

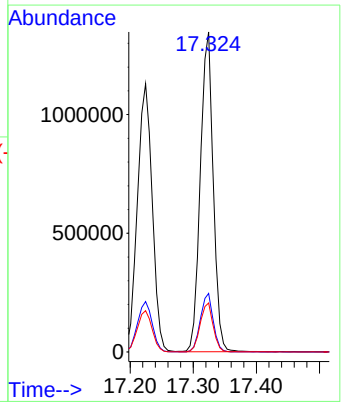


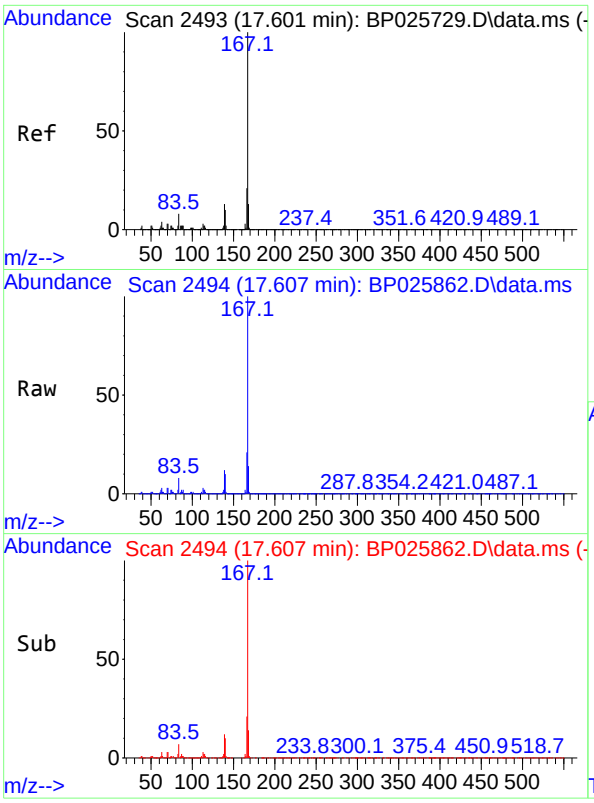


#72
Anthracene
Concen: 47.690 ng
RT: 17.324 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:178 Resp: 1908459

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.3	12.2	18.4



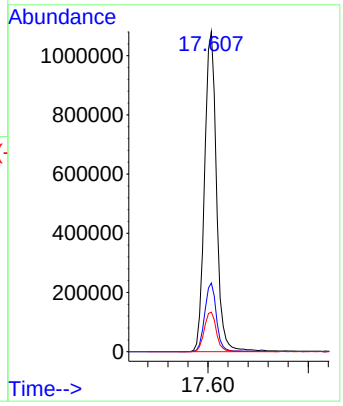


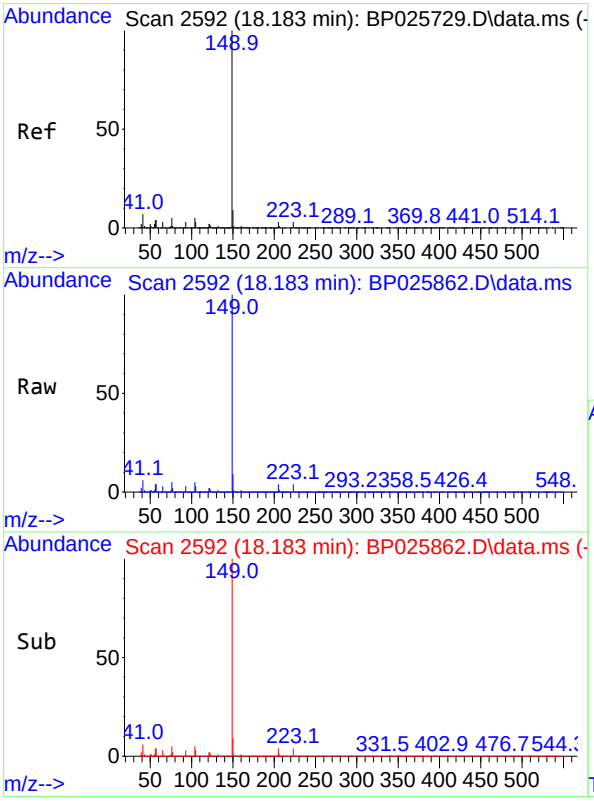
#73
Carbazole
Concen: 48.053 ng
RT: 17.607 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:167 Resp: 1787791

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.4
139	12.4	10.6	16.0

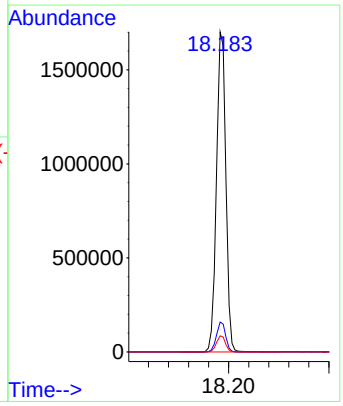


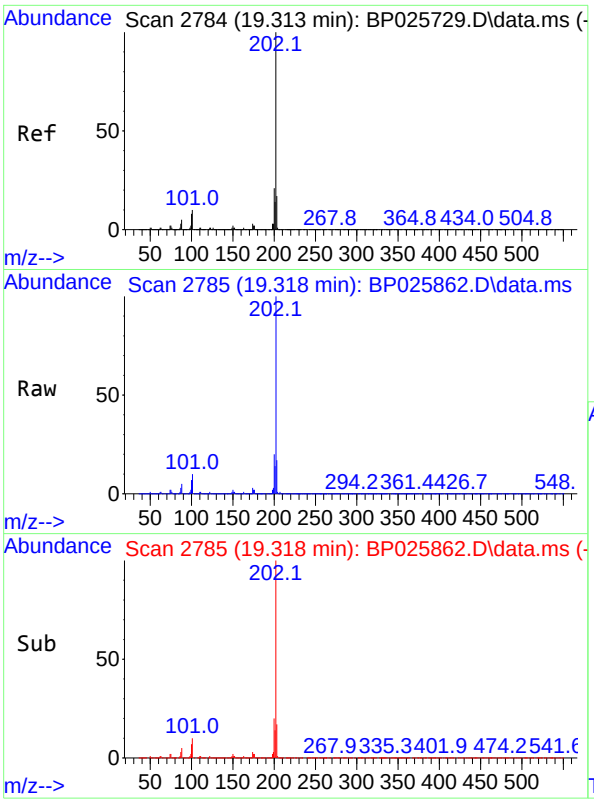


#74
Di-n-butylphthalate
Concen: 48.117 ng
RT: 18.183 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:149 Resp: 2196885

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.0	4.3	6.5



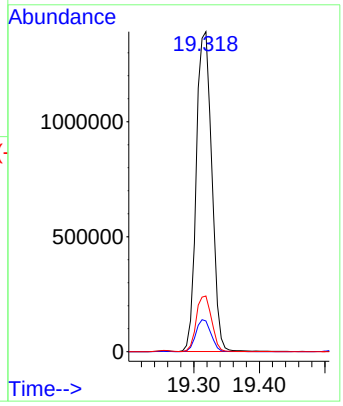


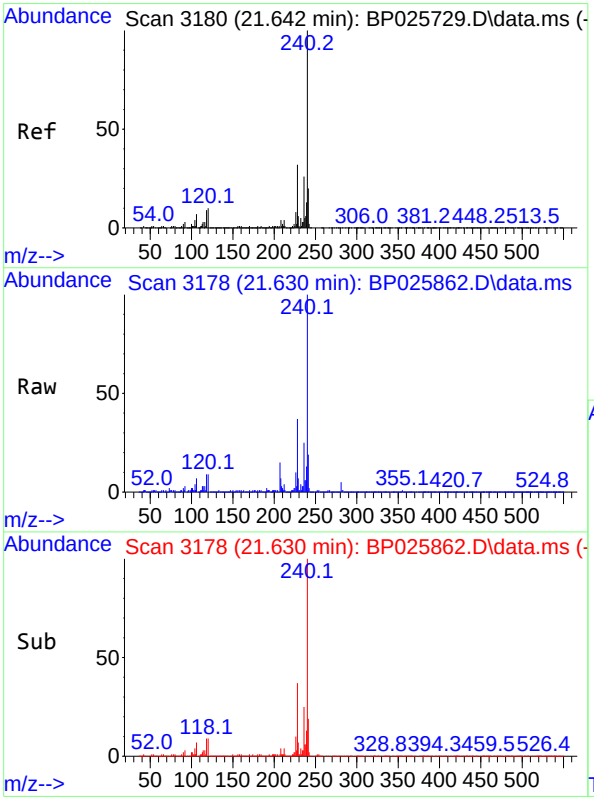
#75
Fluoranthene
Concen: 48.318 ng
RT: 19.318 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:202 Resp: 2285551

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.4
203	17.4	0.0	37.4

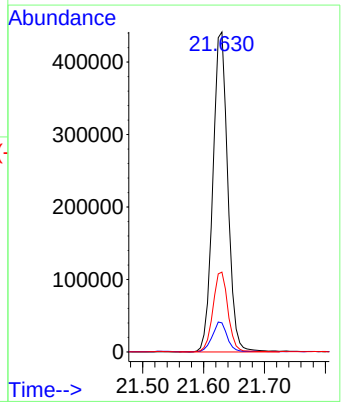


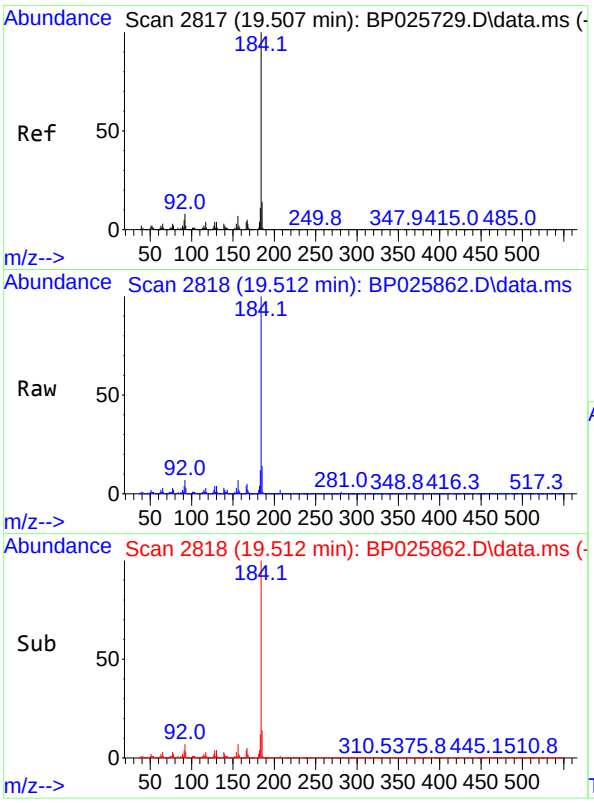


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:240 Resp: 752857

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.0	12.0
236	24.9	20.7	31.1



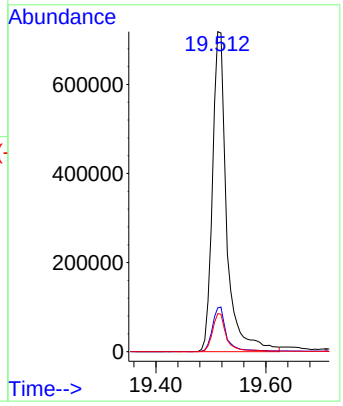


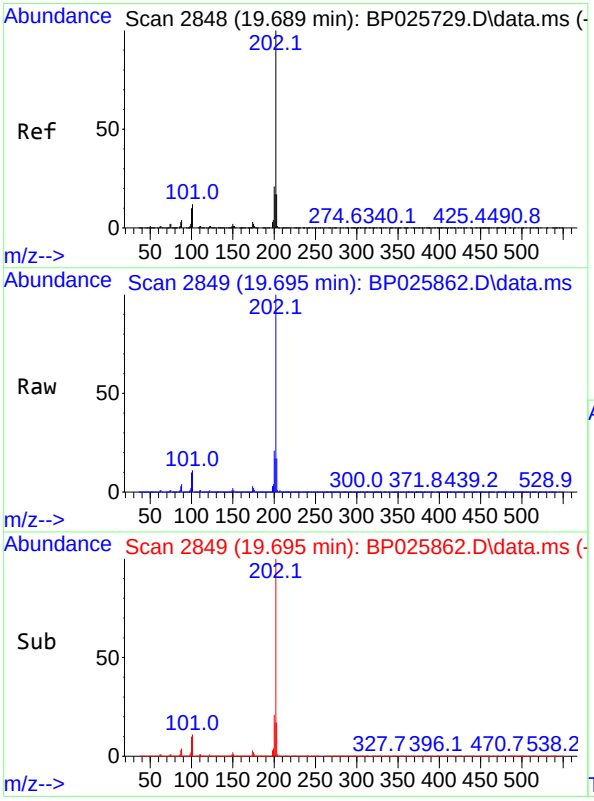
#77
Benzidine
Concen: 59.603 ng
RT: 19.512 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:184 Resp: 1292563

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	11.9	9.2	13.8

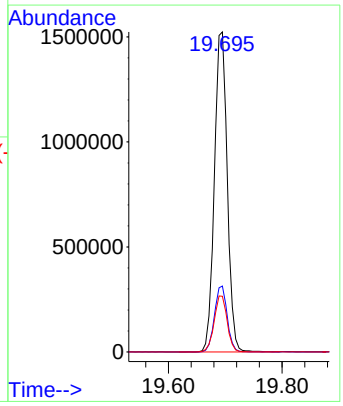


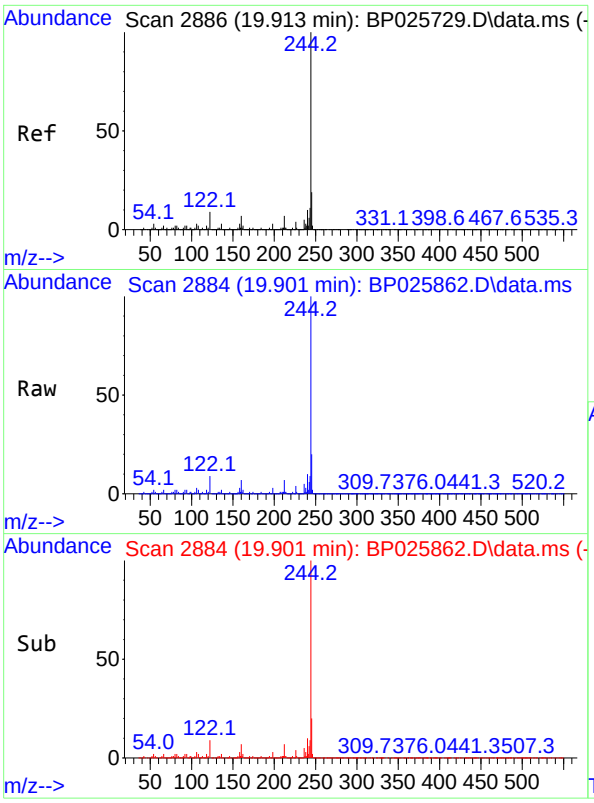


#78
Pyrene
Concen: 47.496 ng
RT: 19.695 min Scan# 2849
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:202 Resp: 2385927

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	17.4	13.9	20.9



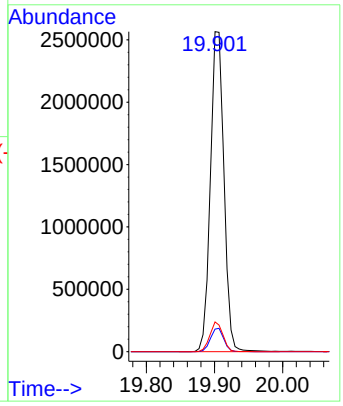


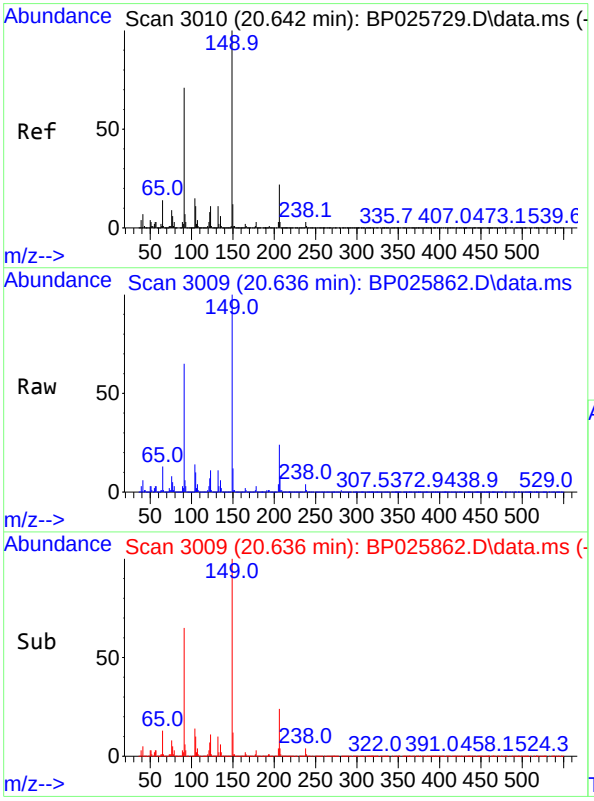
#79
Terphenyl-d14
Concen: 84.861 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:244 Resp: 3551362

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.3	7.1	10.7

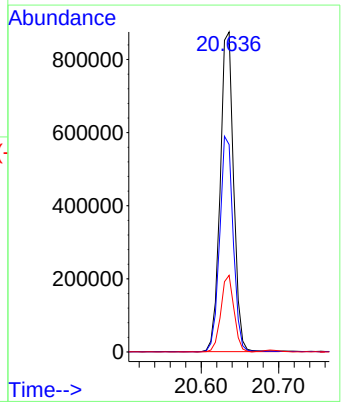


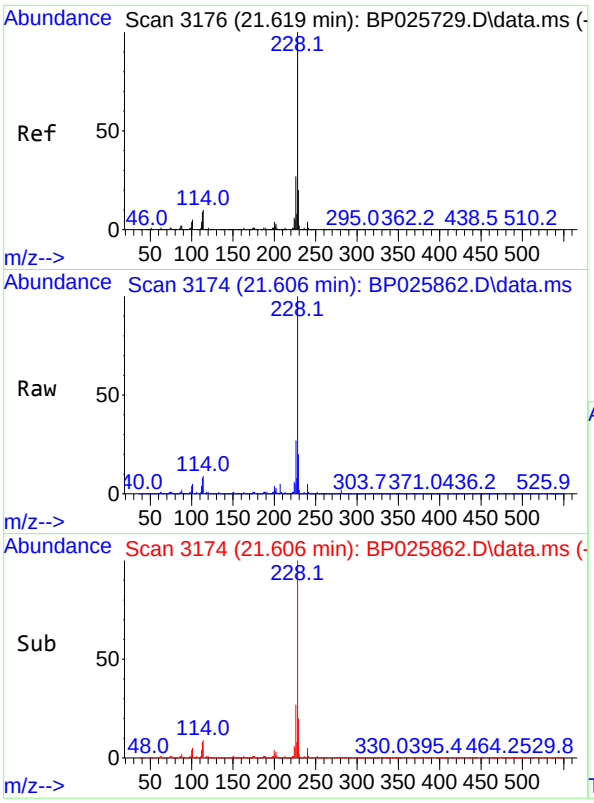


#80
Butylbenzylphthalate
Concen: 47.822 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:149 Resp: 1053316

Ion	Ratio	Lower	Upper
149	100		
91	64.8	56.6	85.0
206	23.9	17.4	26.0



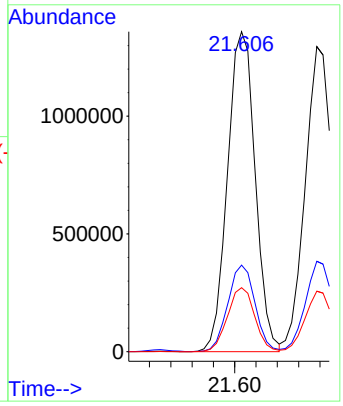


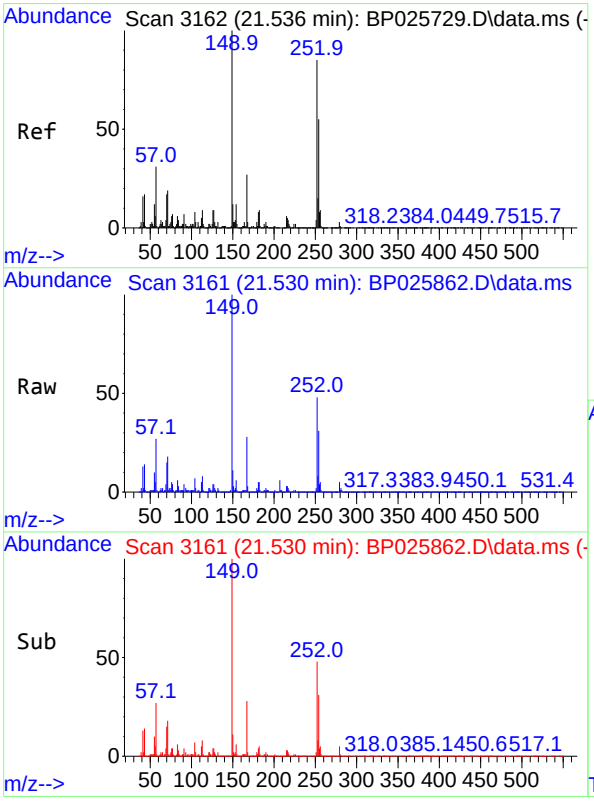
#81
Benzo(a)anthracene
Concen: 47.595 ng
RT: 21.606 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:228 Resp: 2453113

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	20.0	15.7	23.5

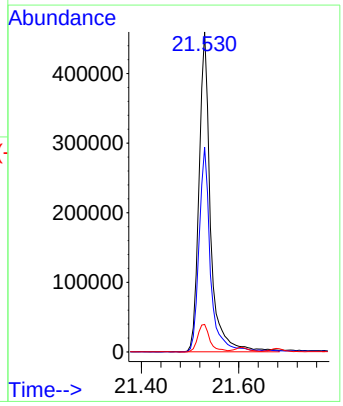


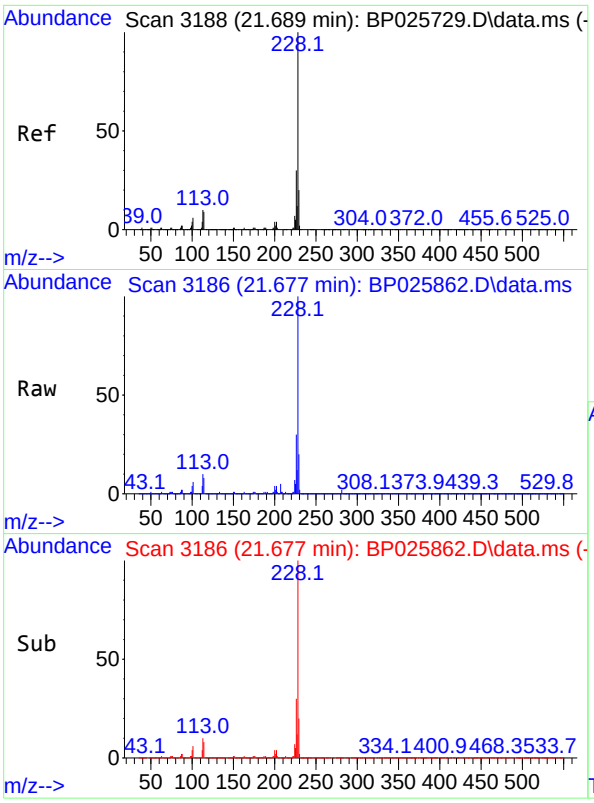


#82
3,3'-Dichlorobenzidine
Concen: 42.174 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:252 Resp: 751619

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.0
126	8.6	8.3	12.5



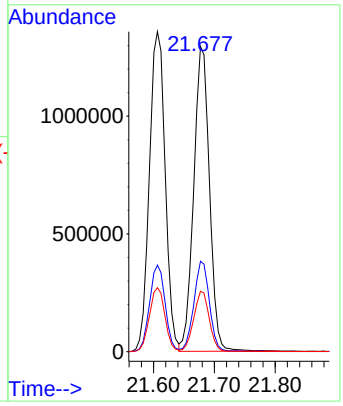


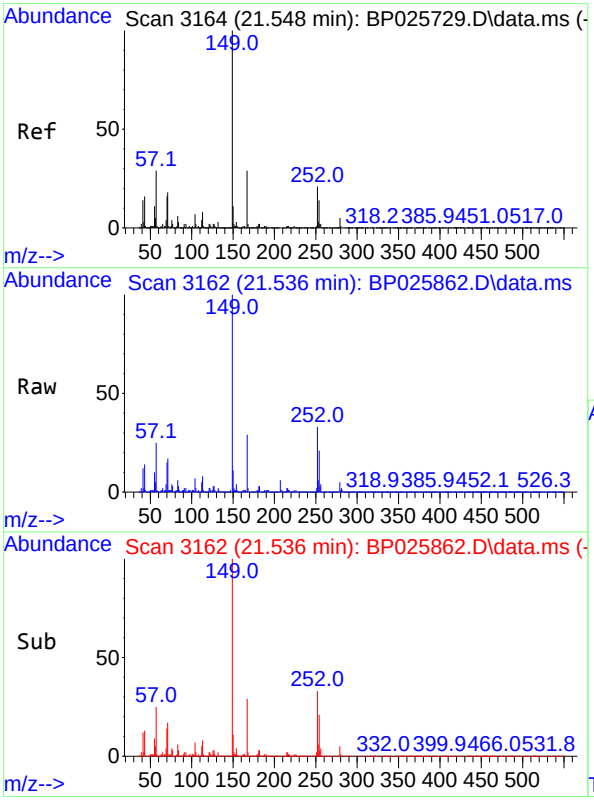
#83
Chrysene
Concen: 47.394 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:228 Resp: 2328576

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	19.8	15.6	23.4

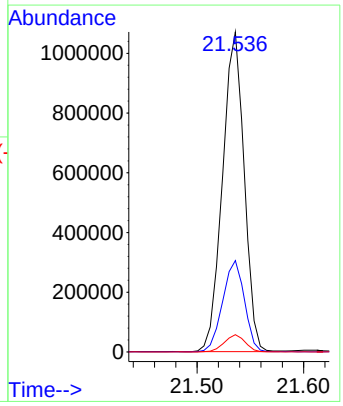


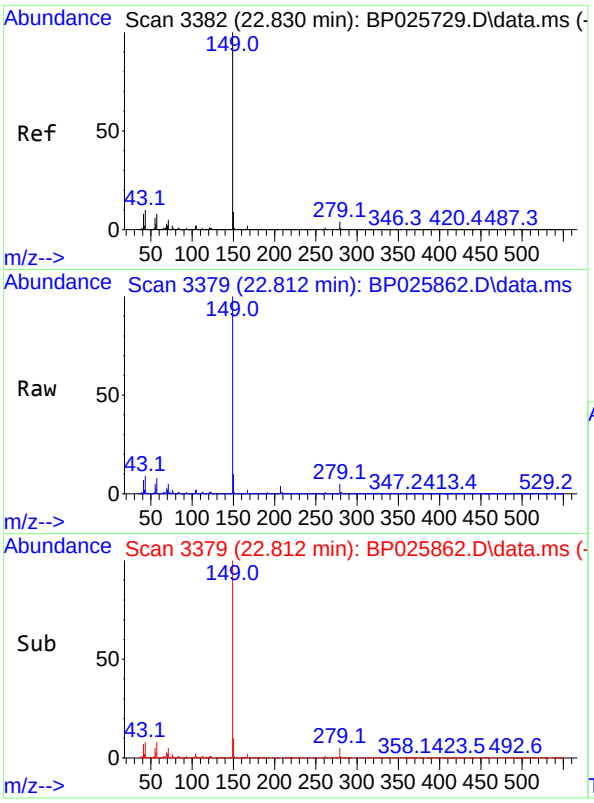


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.887 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:149 Resp: 1510913

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	5.4	3.8	5.8



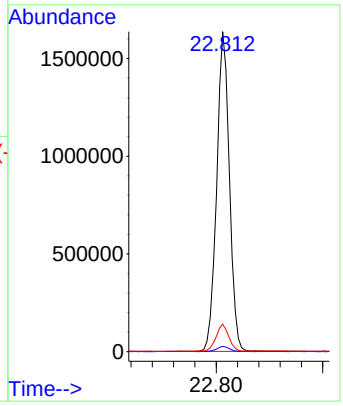


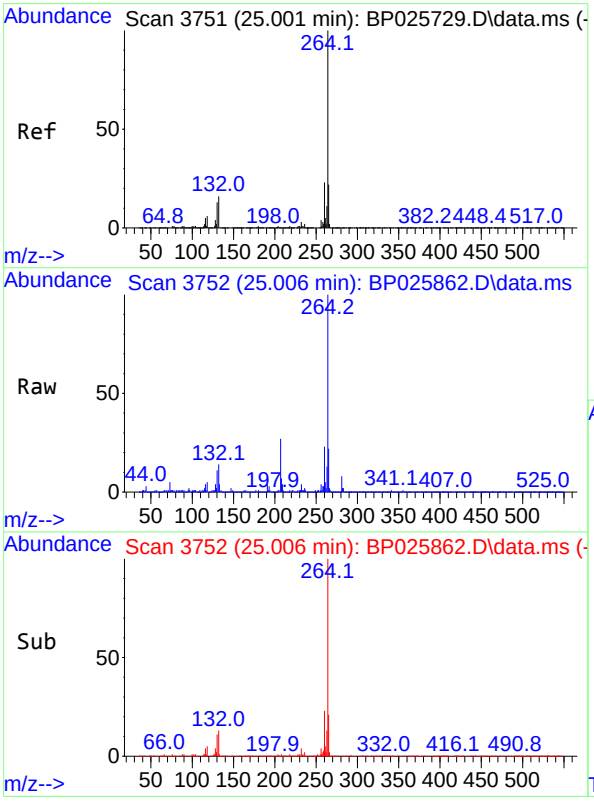
#85
Di-n-octyl phthalate
Concen: 47.214 ng
RT: 22.812 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:149 Resp: 2706412

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	8.0	12.0

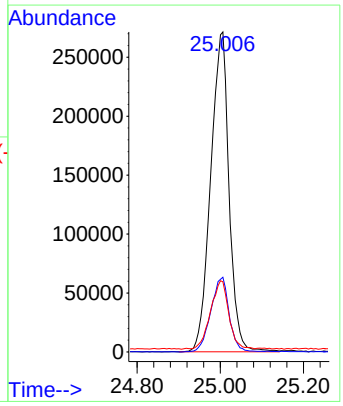


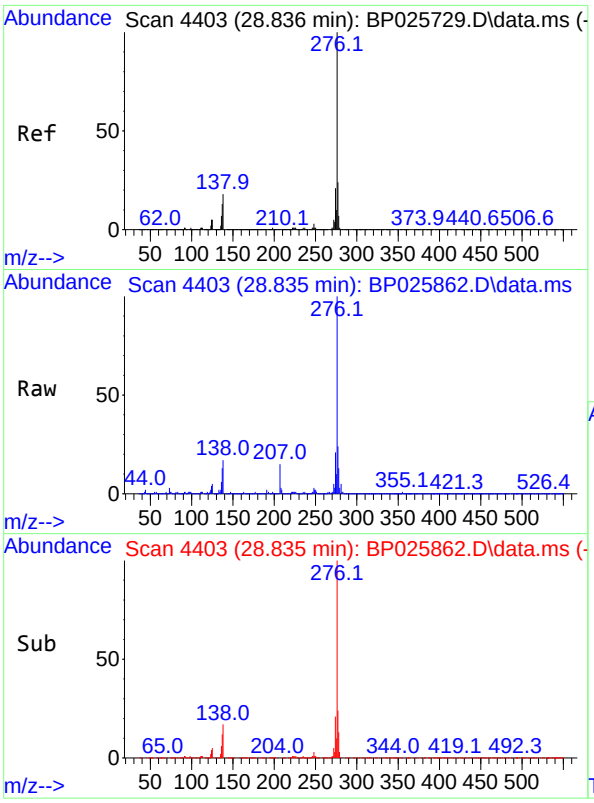


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. 0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:264 Resp: 831049

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	22.0	17.3	25.9



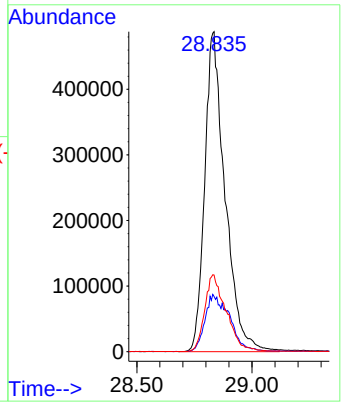


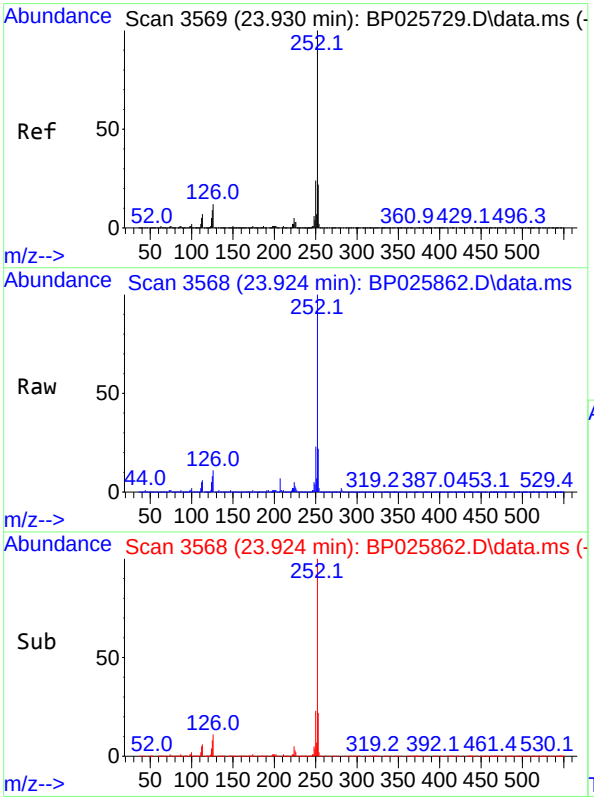
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.472 ng
RT: 28.835 min Scan# 44
Delta R.T. -0.000 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:276 Resp: 2989856

Ion	Ratio	Lower	Upper
276	100		
138	21.5	13.4	20.2#
277	25.4	9.1	13.7#

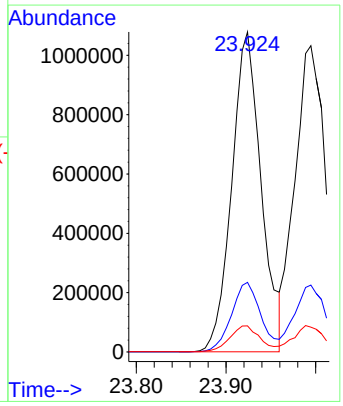


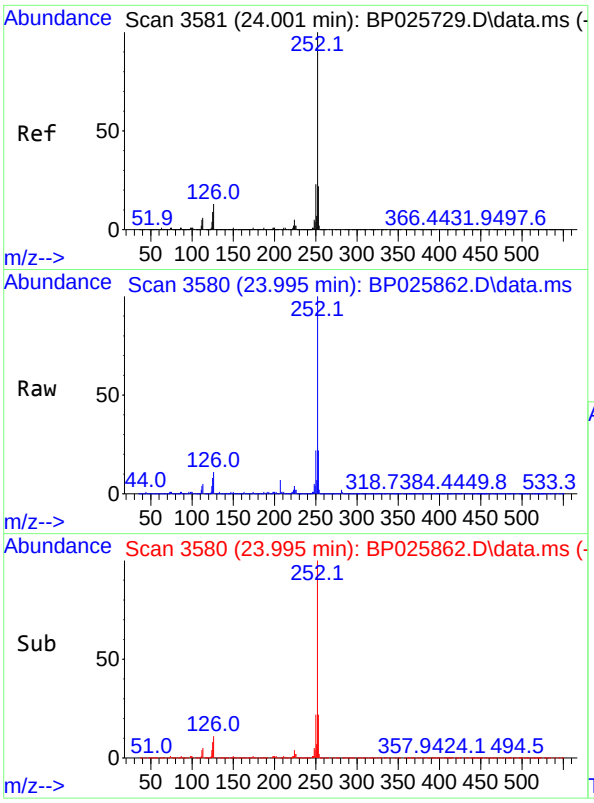


#88
Benzo(b)fluoranthene
Concen: 48.289 ng
RT: 23.924 min Scan# 3568
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:252 Resp: 2454085

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.2	7.3	10.9



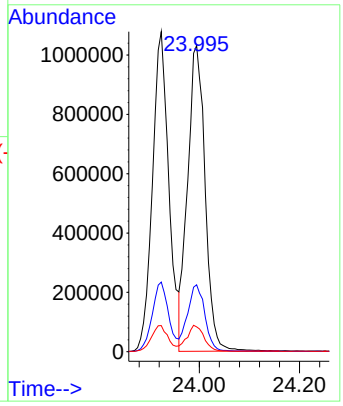


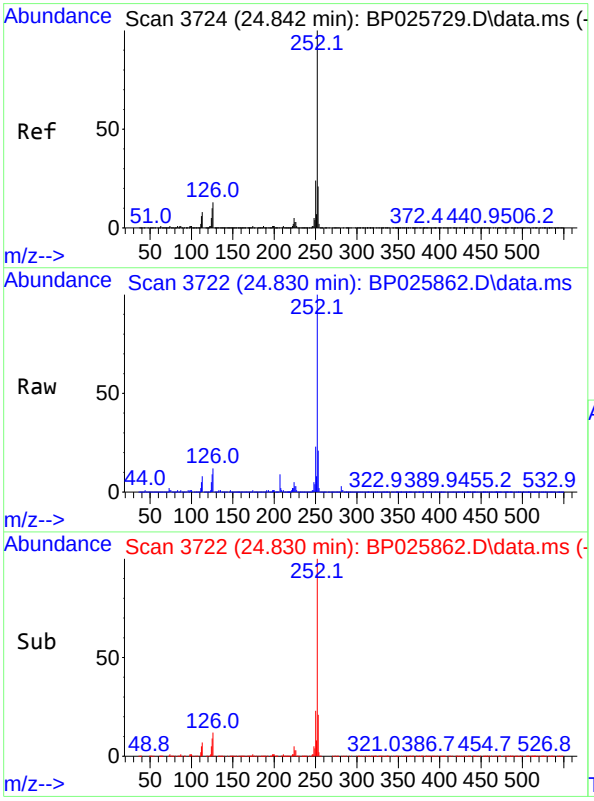
#89
Benzo(k)fluoranthene
Concen: 48.185 ng
RT: 23.995 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

Tgt Ion:252 Resp: 2498831

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.1	7.5	11.3

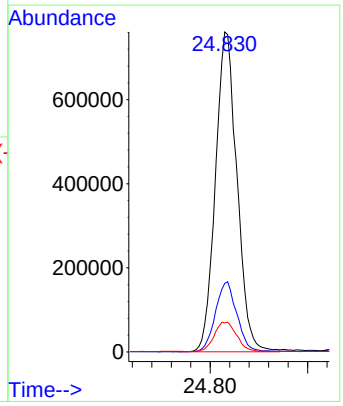


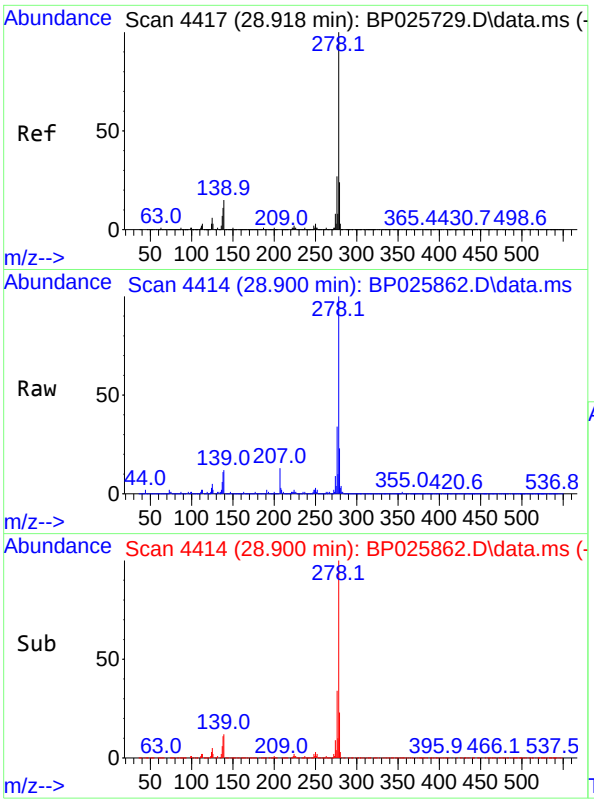


#90
Benzo(a)pyrene
Concen: 46.918 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.012 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:252 Resp: 2335045

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	9.1	8.3	12.5



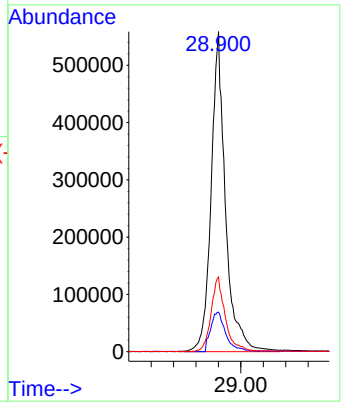


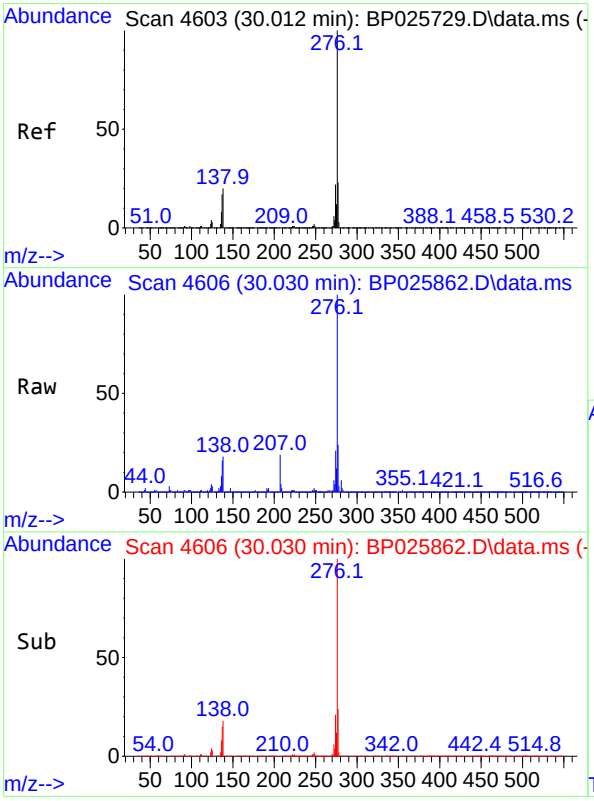
#91
Dibenzo(a,h)anthracene
Concen: 49.957 ng
RT: 28.900 min Scan# 44
Delta R.T. -0.018 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Instrument :
BNA_P
ClientSampleId :
PB169834BS

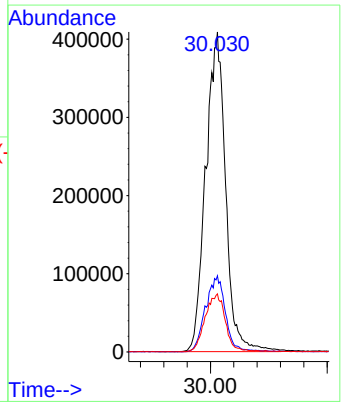
Tgt Ion:278 Resp: 2470674

Ion	Ratio	Lower	Upper
278	100		
139	12.3	12.1	18.1
279	23.4	19.6	29.4





#92
Benzo(g,h,i)perylene
Concen: 49.559 ng
RT: 30.030 min Scan# 4606
Delta R.T. 0.017 min
Lab File: BP025862.D
Acq: 25 Sep 2025 16:47

Tgt Ion:276 Resp: 2410379

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.2	16.0	24.0