Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024837.D
Acq On : 29 May 2025 20:30
Operator : RC/JU
Sample : Q2139-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Quant Time: May 30 01:07:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	157479	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	591849	20.000	ng	# 0.00
39) Acenaphthene-d10	14.281	164	384281	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	726412	20.000	ng	# 0.03
76) Chrysene-d12	21.569	240	685504	20.000	ng	# 0.08
86) Perylene-d12	24.874	264	1120824	20.000	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	457424	49.681	ng	0.00
7) Phenol-d6	6.863	99	556513	47.359	ng	0.02
23) Nitrobenzene-d5	8.793	82	383160	32.711	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	389330	59.762	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	917167	31.269	ng	0.00
79) Terphenyl-d14	19.839	244	1198907	29.989	ng	0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.805	77	49017	6.444	ng	# 1
18) Hexachloroethane	8.740	117	162277	35.013	ng	# 1
19) n-Nitroso-di-n-propyla...	8.399	70	45145	5.554	ng	# 48
22) Acetophenone	8.434	105	409646	27.709	ng	# 58
25) Isophorone	9.346	82	162023	7.974	ng	# 1
26) 2-Nitrophenol	9.552	139	11979	2.372	ng	# 1
31) Naphthalene	10.469	128	165049	5.381	ng	# 74
32) Benzoic acid	9.893	122	930861	134.250	ng	# 57
35) Caprolactam	11.440	113	153539	49.174	ng	# 31
37) 2-Methylnaphthalene	12.081	142	341559	17.199	ng	95
38) 1-Methylnaphthalene	12.304	142	218289	10.273	ng	# 97
46) 1,1'-Biphenyl	13.110	154	153459	5.403	ng	89
54) 2,4-Dinitrophenol	14.392	184	1991	6.871	ng	# 1
56) 4-Nitrophenol	14.581	139	2448	4.658	ng	# 1
60) Diethylphthalate	15.122	149	194205	6.560	ng	# 88
66) n-Nitrosodiphenylamine	15.563	169	207637	9.306	ng	# 77
69) Atrazine	16.575	200	38009	4.648	ng	# 75
71) Phenanthrene	17.128	178	119401	2.957	ng	# 39
77) Benzidine	19.310	184	40852	2.188	ng	# 1
78) Pyrene	19.627	202	108705	2.647	ng	# 42
82) 3,3'-Dichlorobenzidine	21.463	252	33476	2.094	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.474	149	390179	14.532	ng	# 49
85) Di-n-octyl phthalate	22.816	149	375169	8.545	ng	# 61

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

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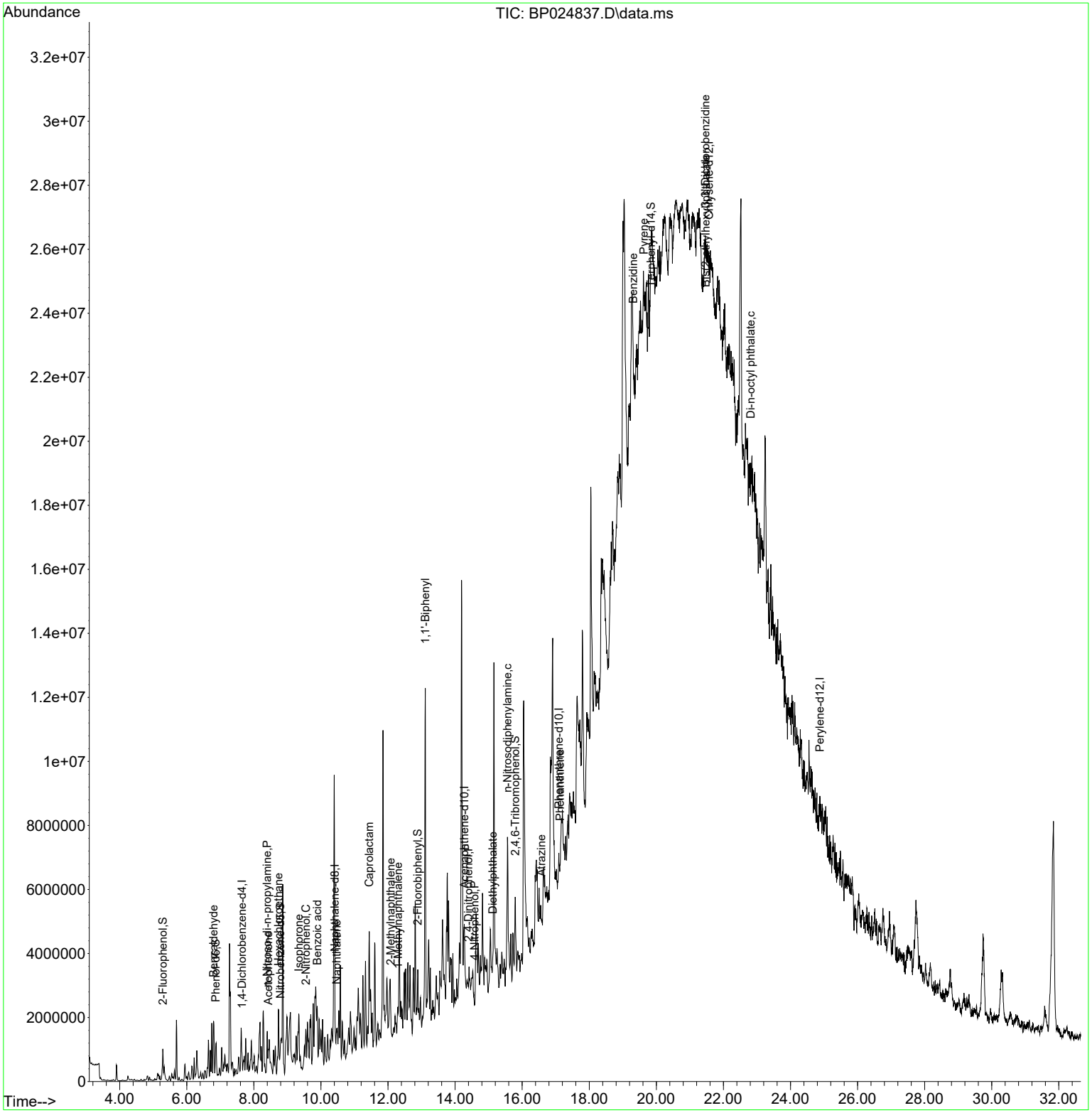
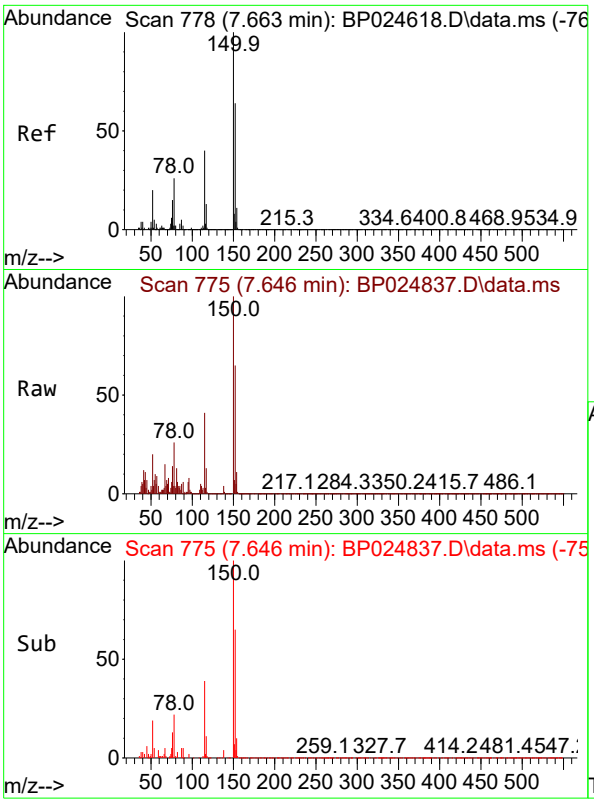


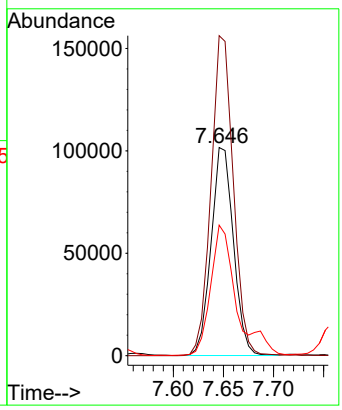


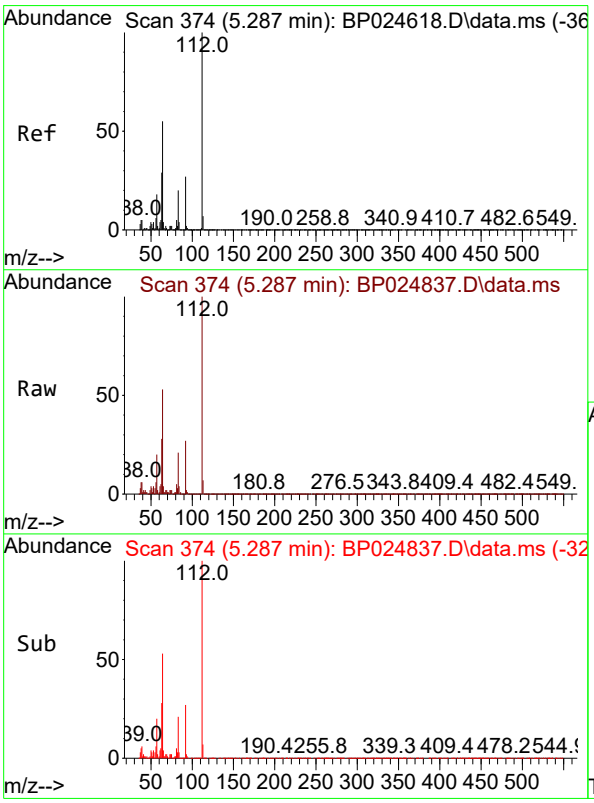
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:152 Resp: 157479

Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.9	188.9
115	62.7	50.1	75.1

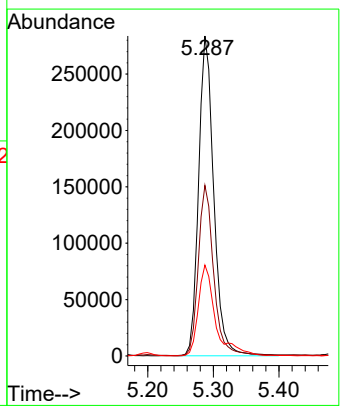


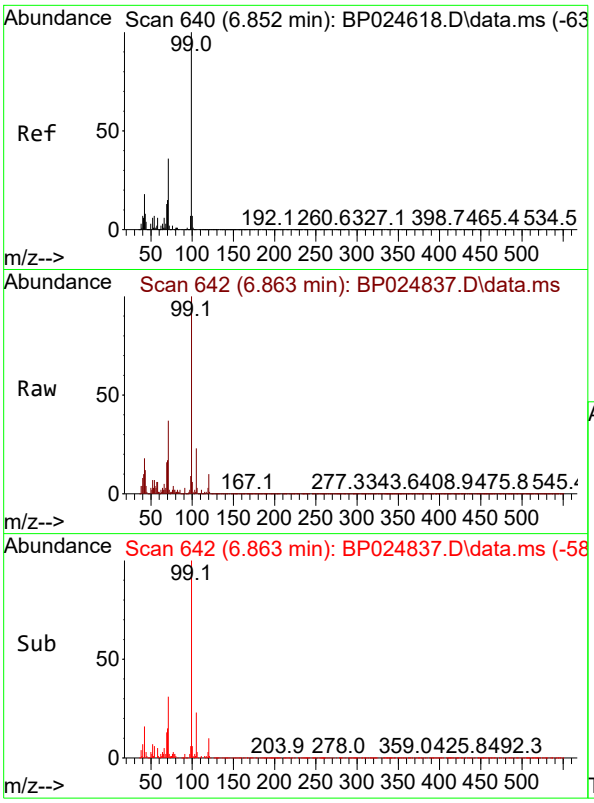


#5
2-Fluorophenol
Concen: 49.681 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:112 Resp: 457424

Ion	Ratio	Lower	Upper
112	100		
64	53.3	44.1	66.1
63	28.4	23.5	35.3



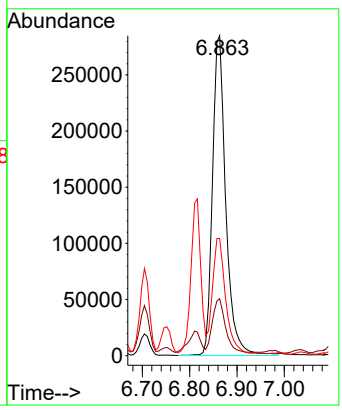


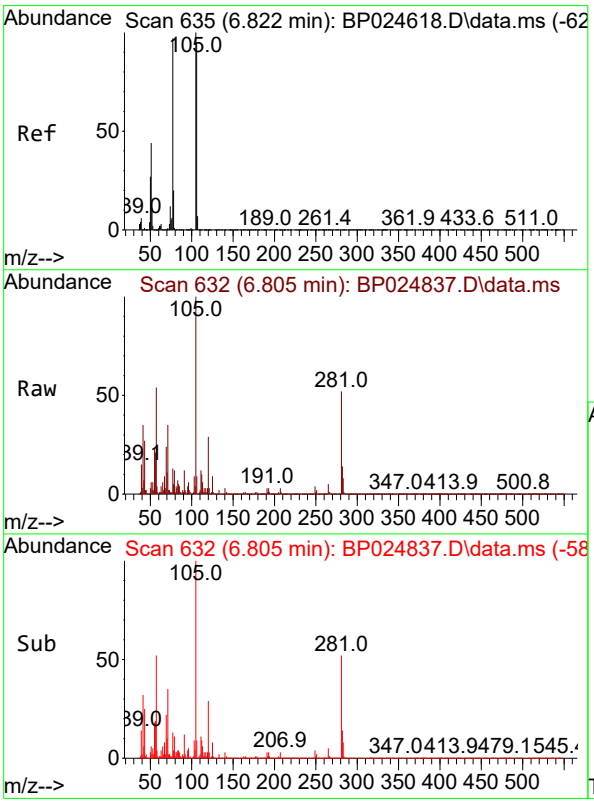
#7
Phenol-d6
Concen: 47.359 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.018 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion: 99 Resp: 556513

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.4	21.6
71	36.6	29.2	43.8

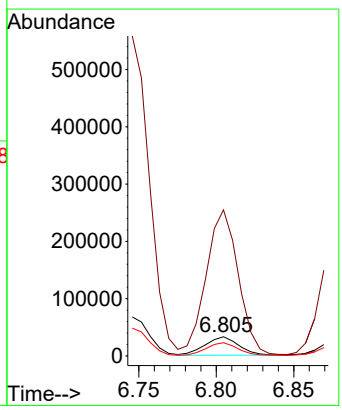


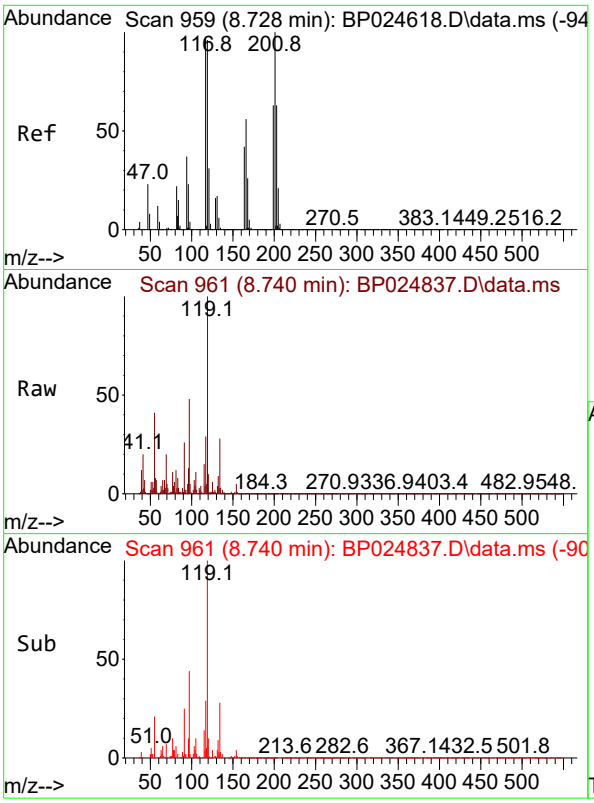


#9
Benzaldehyde
Concen: 6.444 ng
RT: 6.805 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion: 77 Resp: 49017

Ion	Ratio	Lower	Upper
77	100		
105	761.9	83.3	123.3#
106	69.4	78.0	118.0#



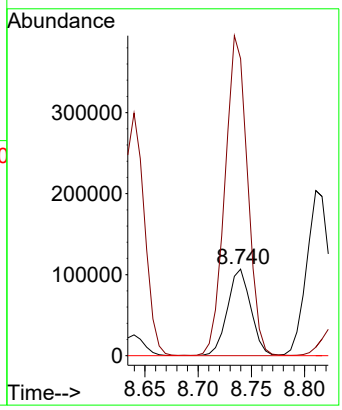


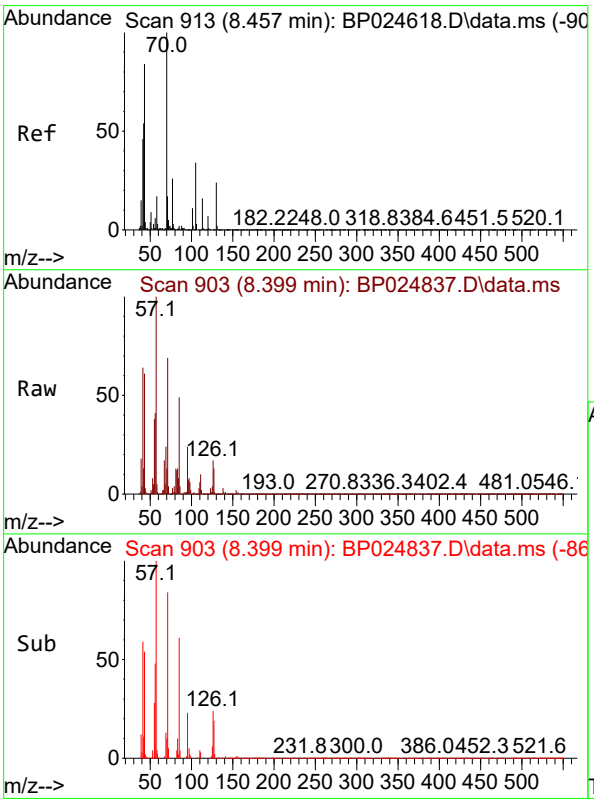
#18
Hexachloroethane
Concen: 35.013 ng
RT: 8.740 min Scan# 9
Delta R.T. 0.035 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:117 Resp: 162277

Ion	Ratio	Lower	Upper
117	100		
119	343.3	79.4	119.0#
201	0.0	82.7	124.1#

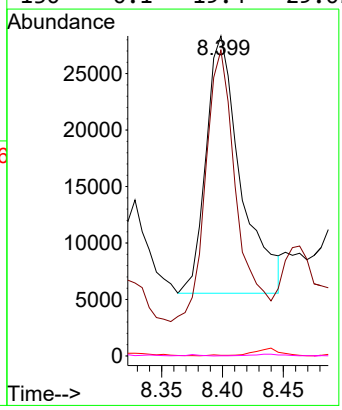


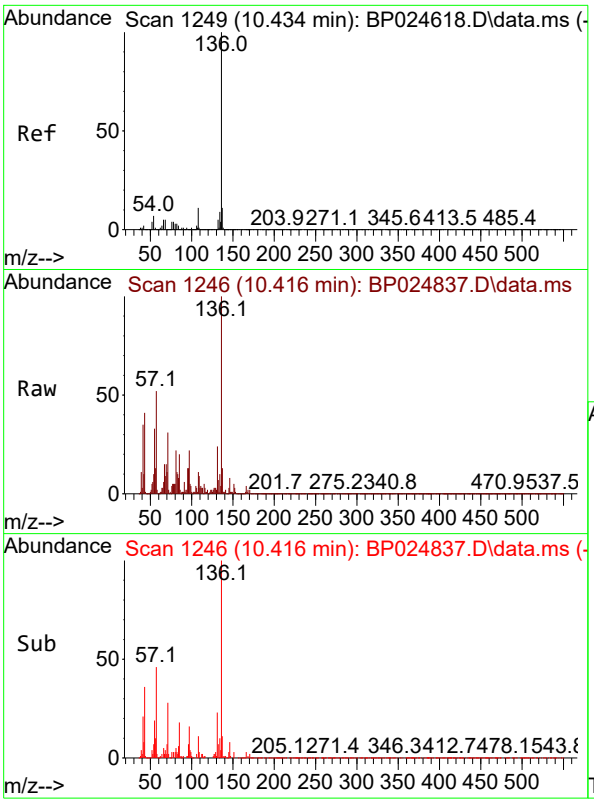


#19
n-Nitroso-di-n-propylamine
Concen: 5.554 ng
RT: 8.399 min Scan# 903
Delta R.T. -0.047 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion: 70 Resp: 45145

Ion	Ratio	Lower	Upper
70	100		
42	95.5	43.0	64.6#
101	0.2	8.7	13.1#
130	0.1	19.4	29.0#



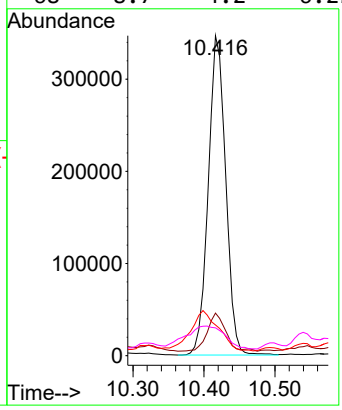


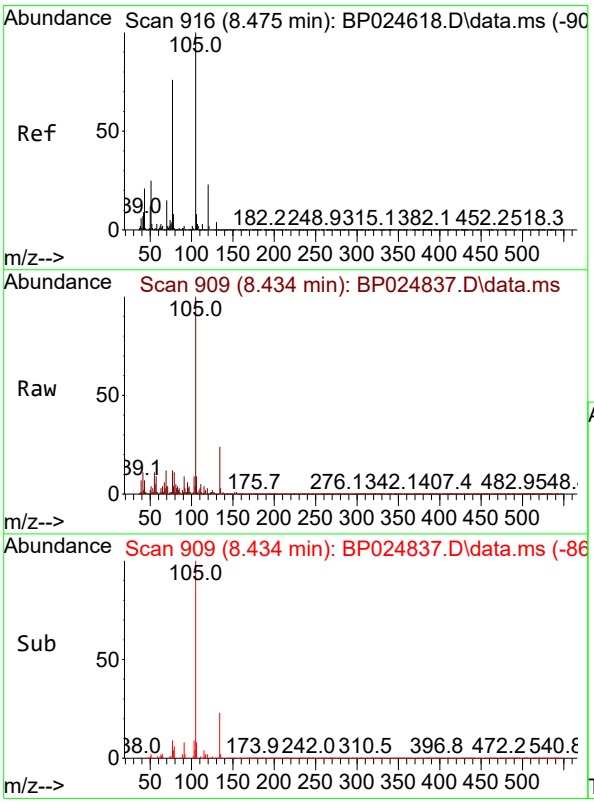
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:136 Resp: 591849

Ion	Ratio	Lower	Upper
136	100		
137	13.3	8.8	13.2#
54	9.6	5.5	8.3#
68	8.7	4.2	6.2#

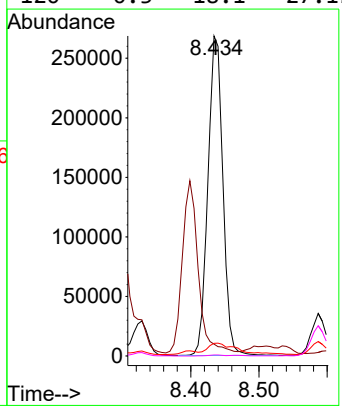


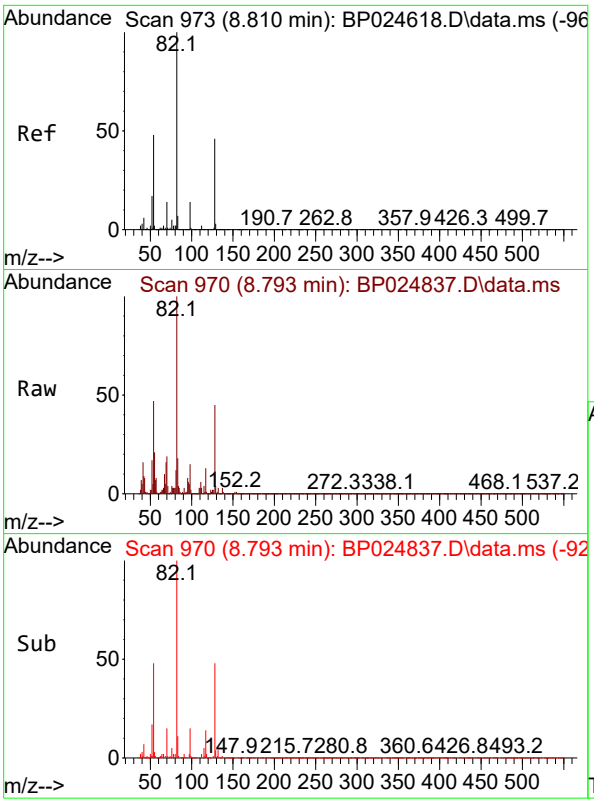


#22
Acetophenone
Concen: 27.709 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.029 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:105 Resp: 409646

Ion	Ratio	Lower	Upper
105	100		
71	3.7	2.0	3.0#
51	3.9	20.4	30.6#
120	0.3	18.1	27.1#



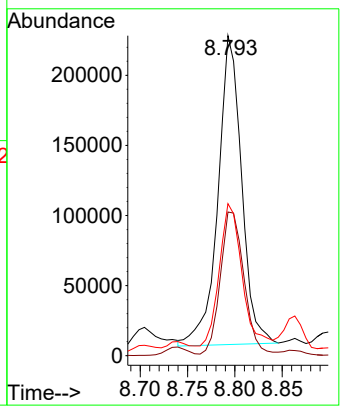


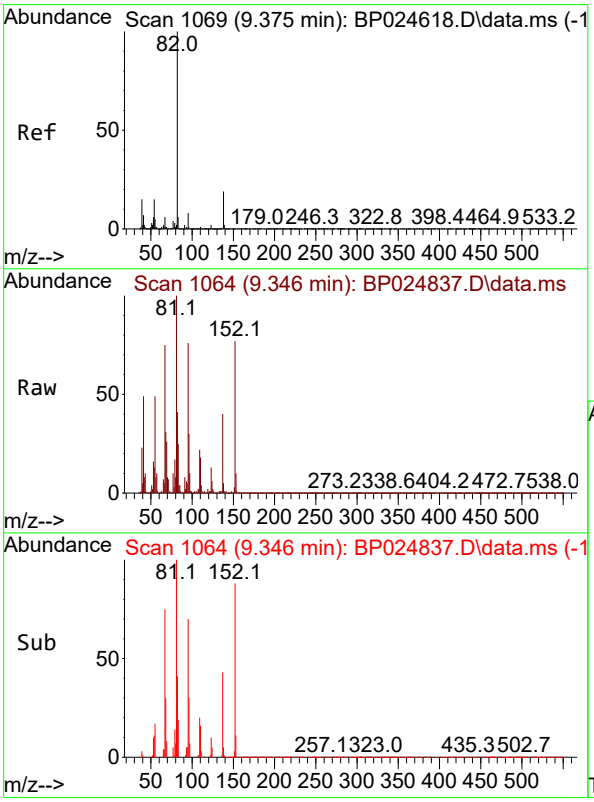
#23
Nitrobenzene-d5
Concen: 32.711 ng
RT: 8.793 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion: 82 Resp: 383160

Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.0	55.4
54	47.5	38.7	58.1

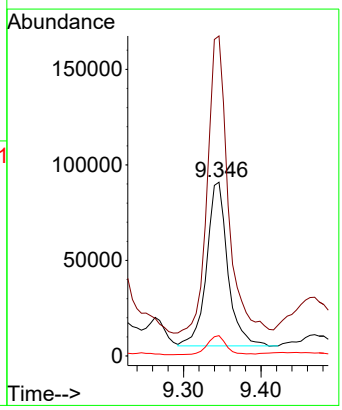


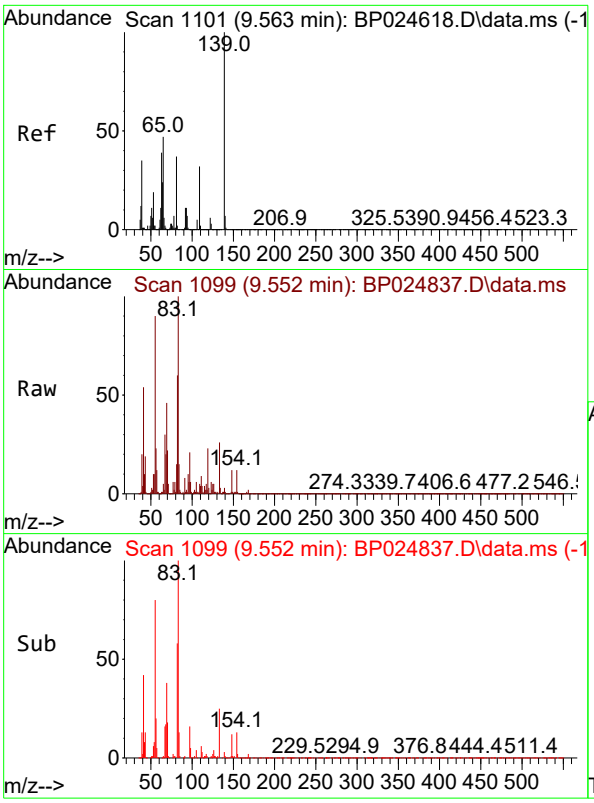


#25
Isophorone
Concen: 7.974 ng
RT: 9.346 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion: 82 Resp: 162023

Ion	Ratio	Lower	Upper
82	100		
95	184.2	6.3	9.5#
138	11.7	15.3	22.9#



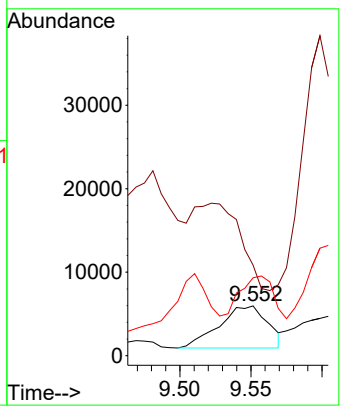


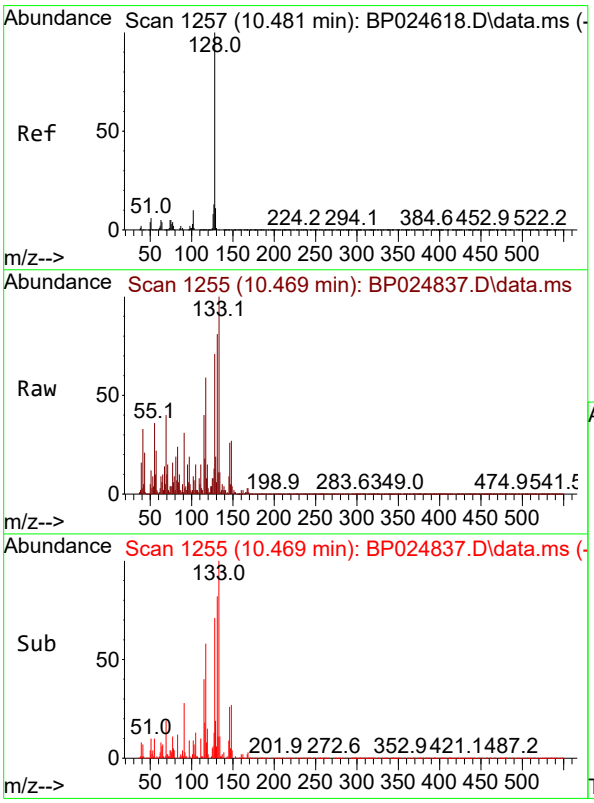
#26
2-Nitrophenol
Concen: 2.372 ng
RT: 9.552 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:139 Resp: 11979

Ion	Ratio	Lower	Upper
139	100		
109	182.0	25.9	38.9#
65	156.4	37.9	56.9#

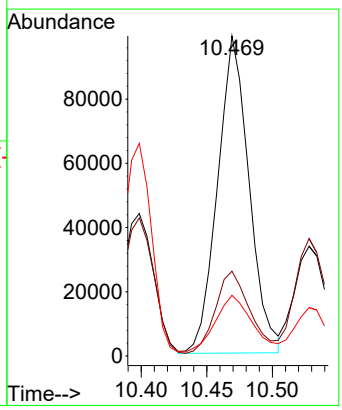


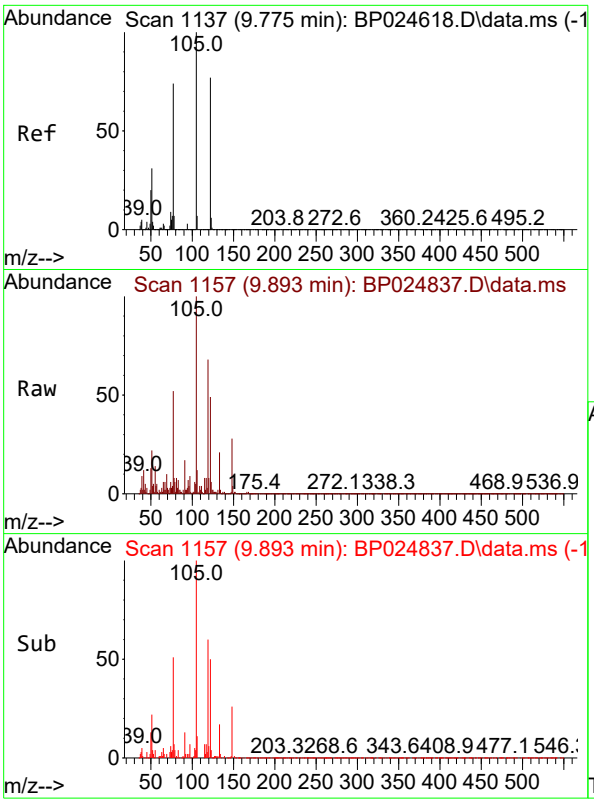


#31
Naphthalene
Concen: 5.381 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:128 Resp: 165049

Ion	Ratio	Lower	Upper
128	100		
129	26.5	8.8	13.2#
127	18.9	10.7	16.1#



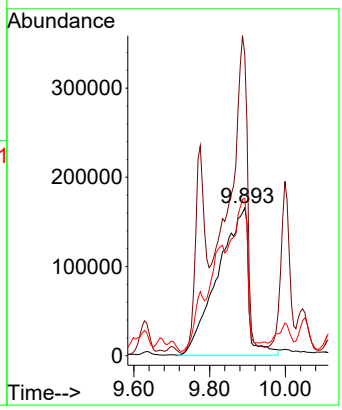


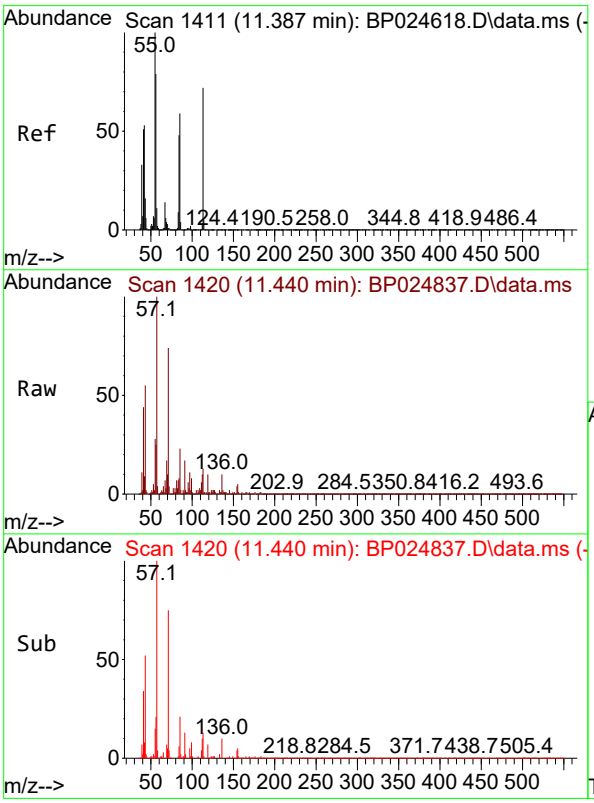
#32
Benzoic acid
Concen: 134.250 ng
RT: 9.893 min Scan# 11
Delta R.T. 0.100 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:122 Resp: 930861

Ion	Ratio	Lower	Upper
122	100		
105	203.9	106.9	146.9#
77	106.4	75.1	115.1

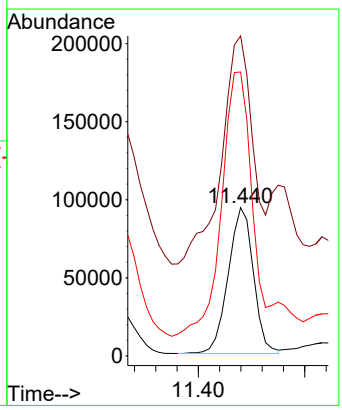


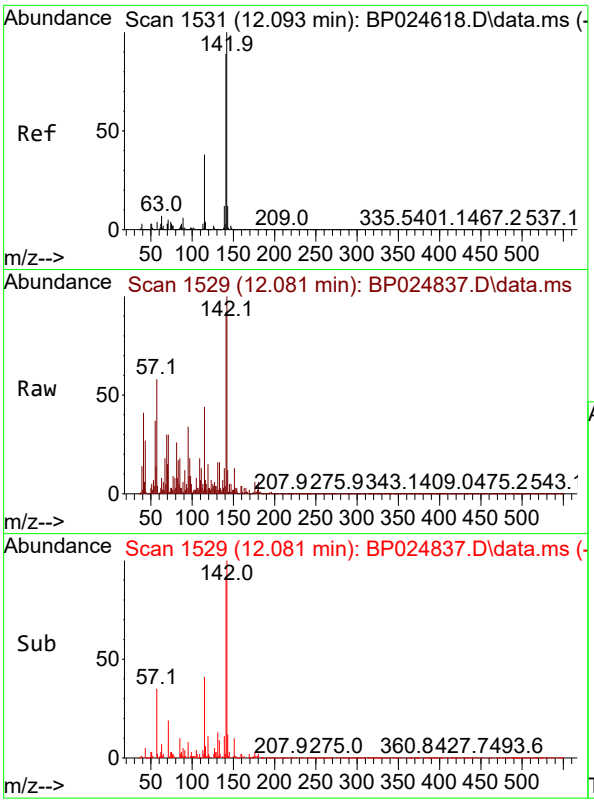


#35
Caprolactam
Concen: 49.174 ng
RT: 11.440 min Scan# 1420
Delta R.T. 0.053 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:113 Resp: 153539

Ion	Ratio	Lower	Upper
113	100		
55	215.8	119.0	159.0#
56	191.5	90.3	130.3#



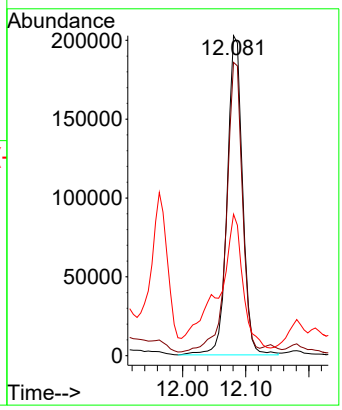


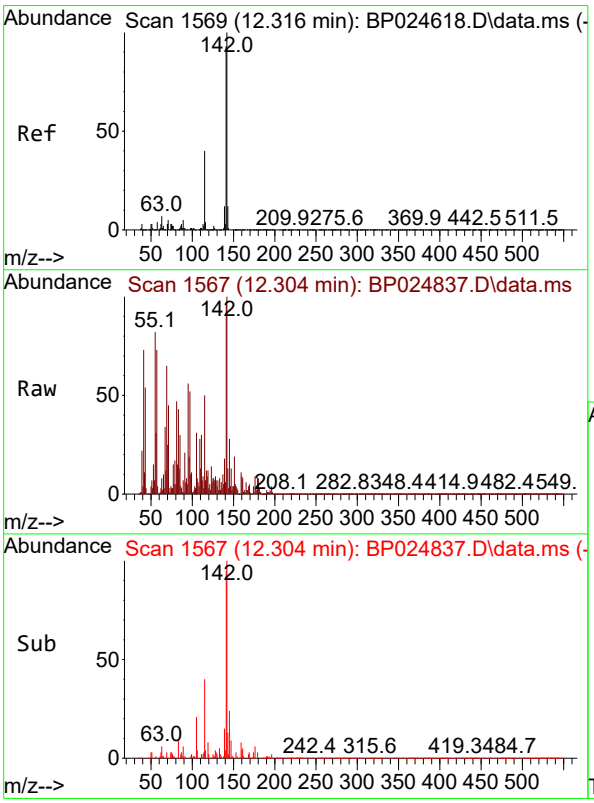
#37
2-Methylnaphthalene
Concen: 17.199 ng
RT: 12.081 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:142 Resp: 341559

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.2	106.8
115	44.2	30.6	46.0

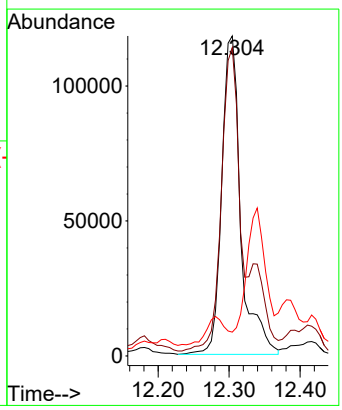


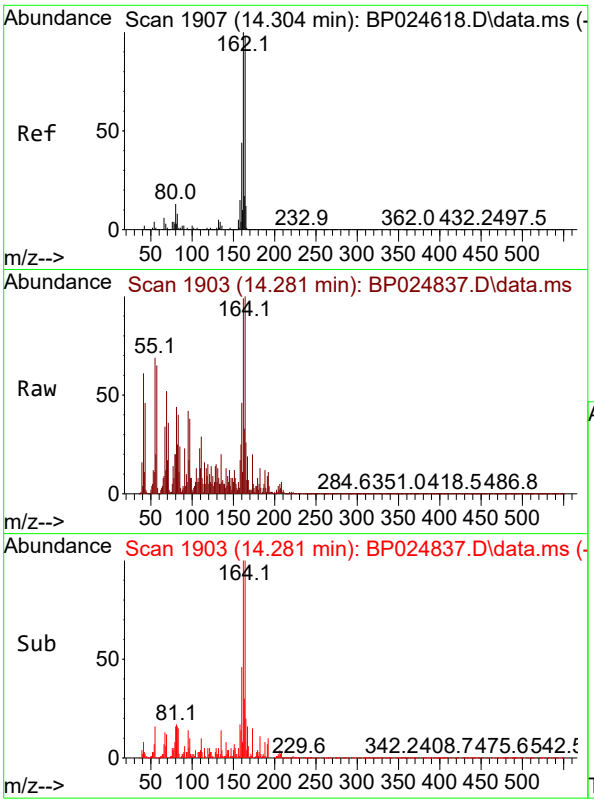


#38
1-Methylnaphthalene
Concen: 10.273 ng
RT: 12.304 min Scan# 1567
Delta R.T. 0.012 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:142 Resp: 218289

Ion	Ratio	Lower	Upper
142	100		
141	96.4	74.7	112.1
116	7.5	3.4	5.2#



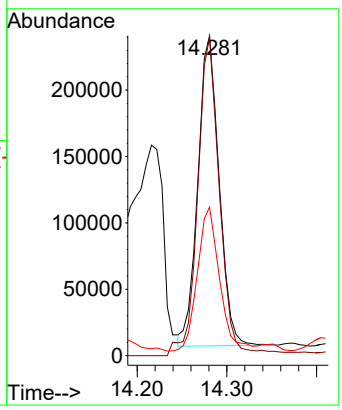


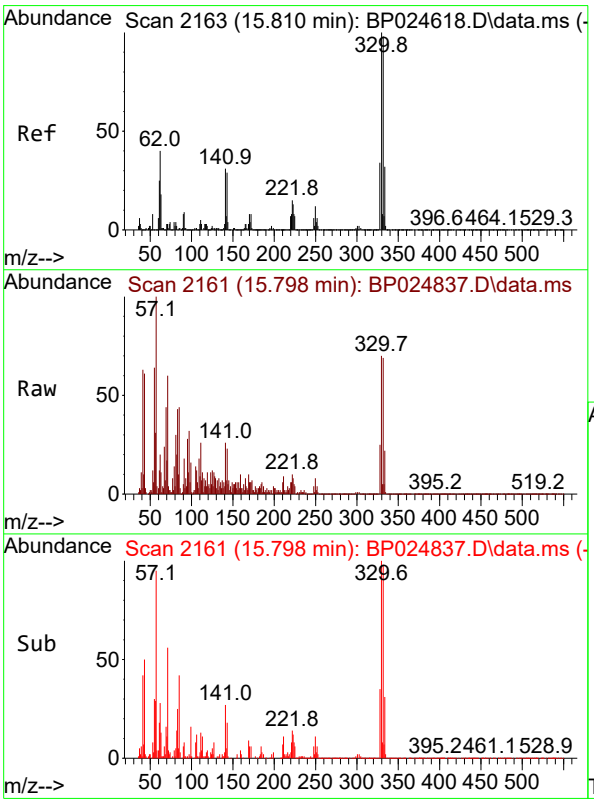
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:164 Resp: 384281

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.8	122.6
160	46.4	36.3	54.5

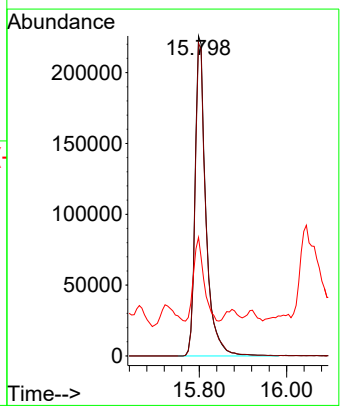


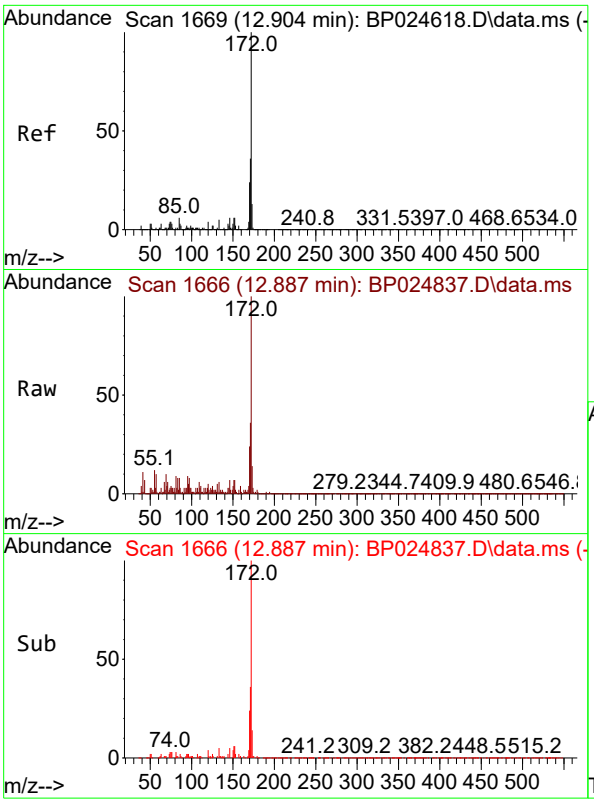


#42
2,4,6-Tribromophenol
Concen: 59.762 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.012 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:330 Resp: 389330

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	24.6	24.3	36.5



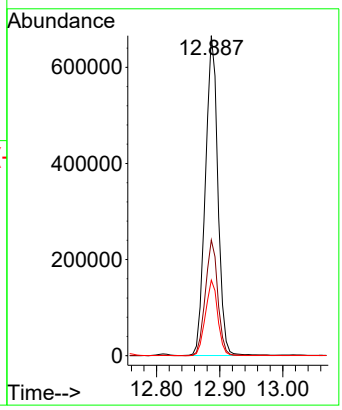


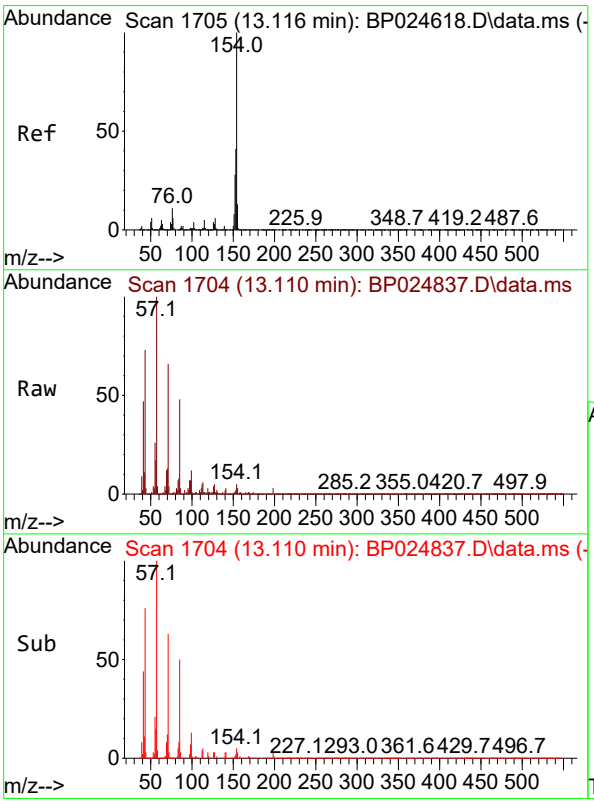
#45
2-Fluorobiphenyl
Concen: 31.269 ng
RT: 12.887 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:172 Resp: 917167

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.8	43.2
170	23.6	18.8	28.2

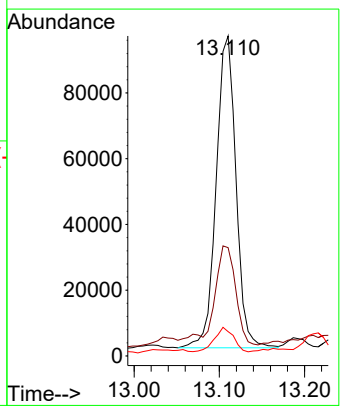


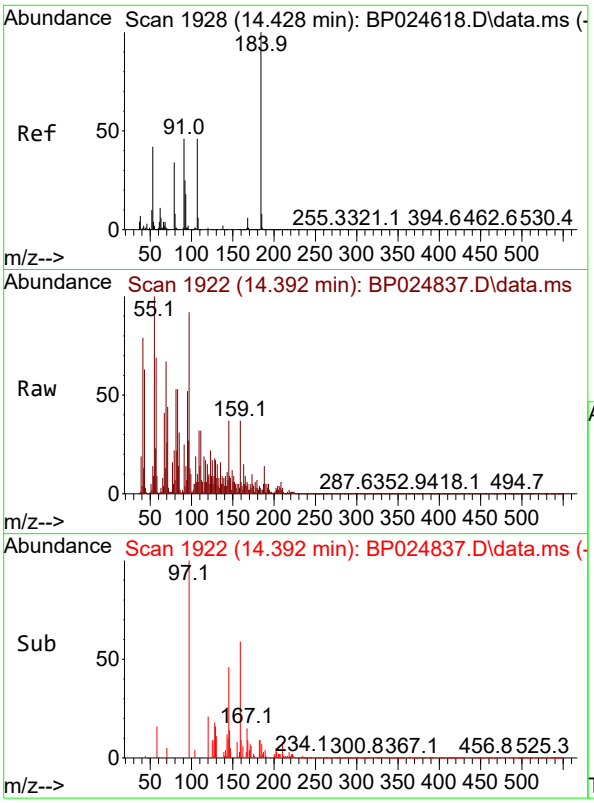


#46
1,1'-Biphenyl
Concen: 5.403 ng
RT: 13.110 min Scan# 1704
Delta R.T. 0.012 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:154 Resp: 153459

Ion	Ratio	Lower	Upper
154	100		
153	33.9	21.0	61.0
76	7.6	0.0	31.5



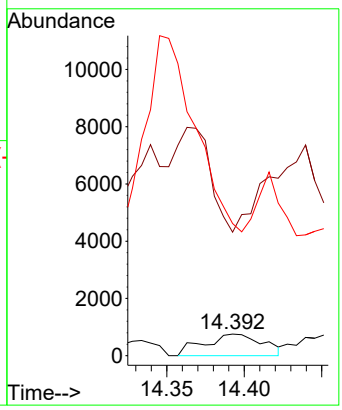


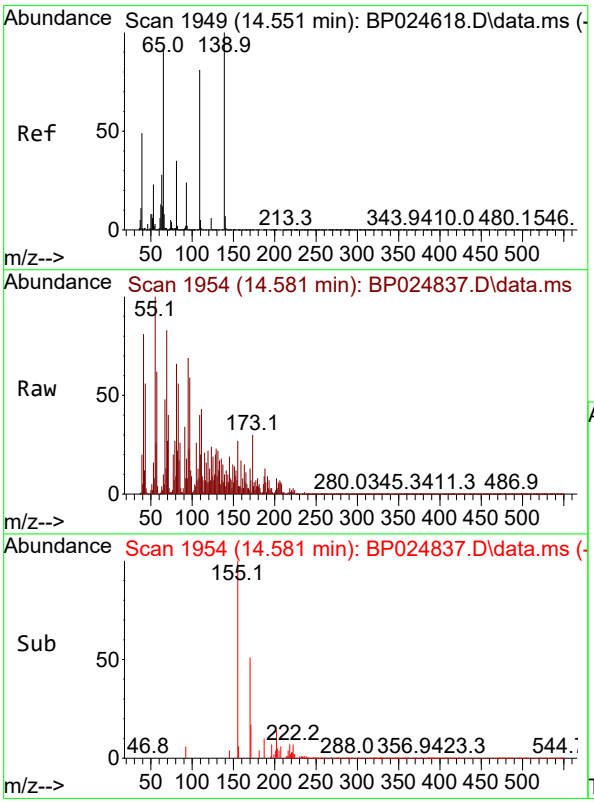
#54
2,4-Dinitrophenol
Concen: 6.871 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:184 Resp: 1991

Ion	Ratio	Lower	Upper
184	100		
63	570.1	51.3	76.9#
154	610.0	53.5	80.3#

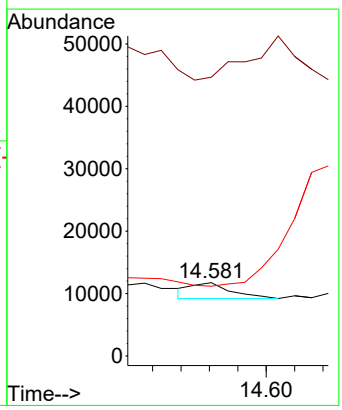


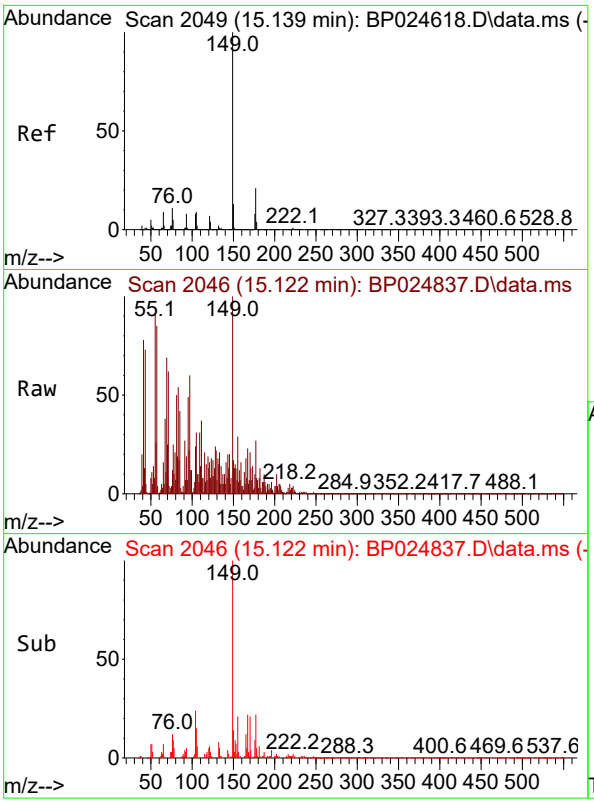


#56
4-Nitrophenol
Concen: 4.658 ng
RT: 14.581 min Scan# 1954
Delta R.T. 0.024 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:139 Resp: 2448

Ion	Ratio	Lower	Upper
139	100		
109	380.6	61.4	101.4#
65	95.2	72.2	112.2



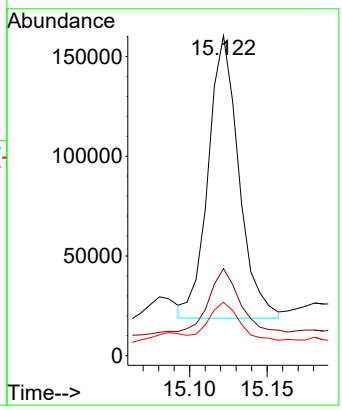


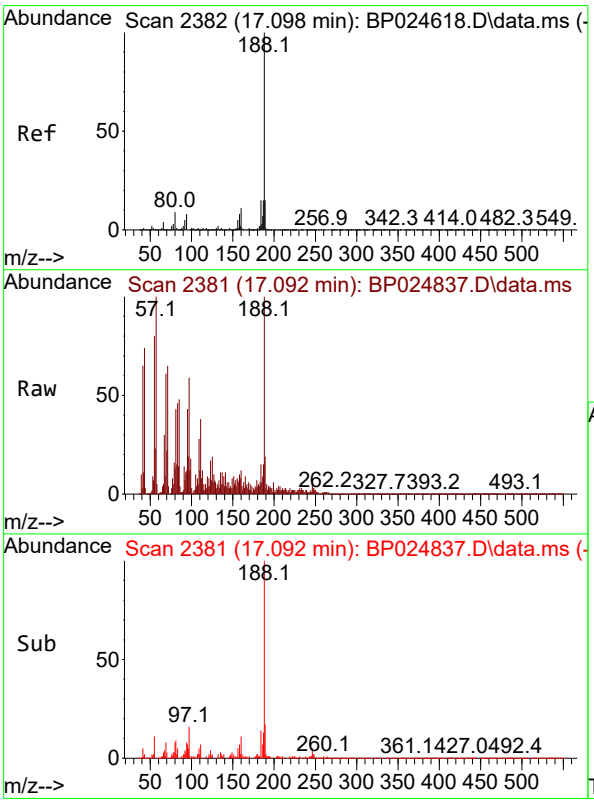
#60
Diethylphthalate
Concen: 6.560 ng
RT: 15.122 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:149 Resp: 194205

Ion	Ratio	Lower	Upper
149	100		
177	27.2	16.7	25.1#
150	16.7	10.2	15.2#

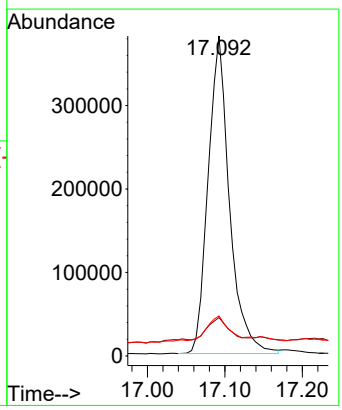


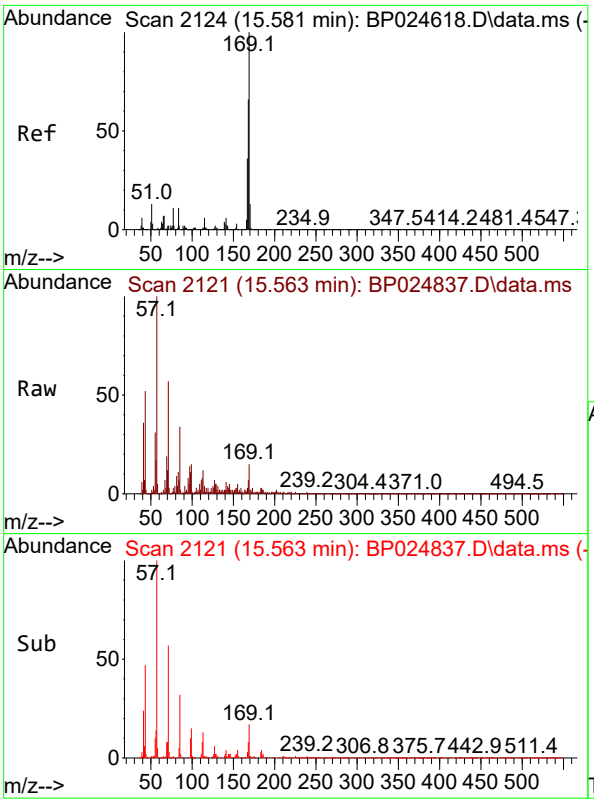


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.030 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:188 Resp: 726412

Ion	Ratio	Lower	Upper
188	100		
94	12.0	6.5	9.7#
80	12.5	7.3	10.9#



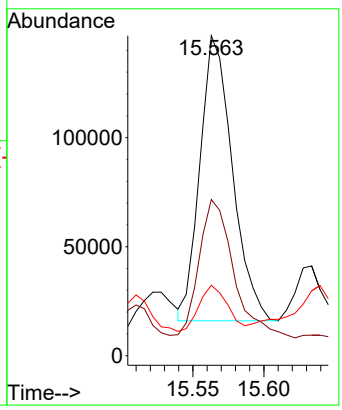


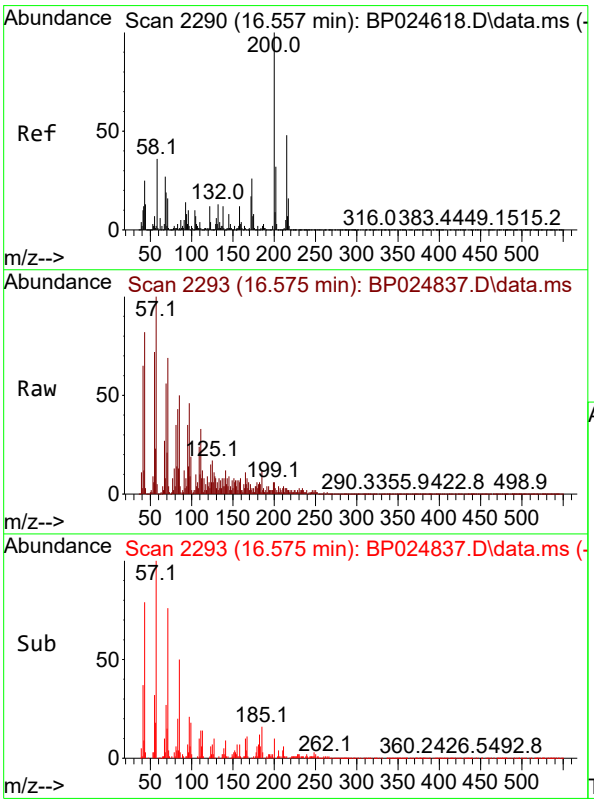
#66
n-Nitrosodiphenylamine
Concen: 9.306 ng
RT: 15.563 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:169 Resp: 207637

Ion	Ratio	Lower	Upper
169	100		
168	48.8	53.2	79.8#
167	22.0	28.6	43.0#

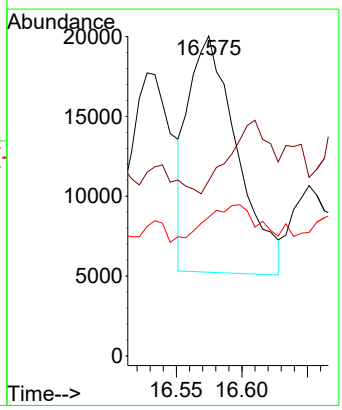


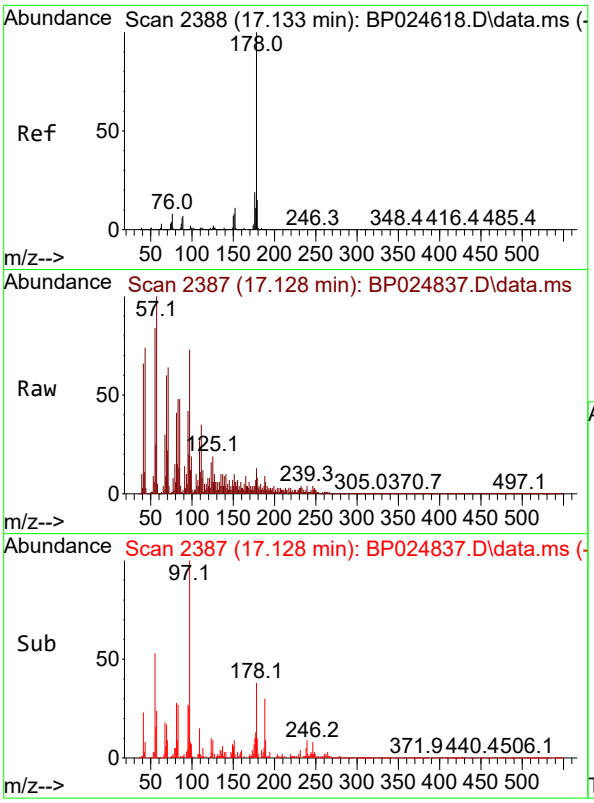


#69
Atrazine
Concen: 4.648 ng
RT: 16.575 min Scan# 2293
Delta R.T. 0.047 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:200 Resp: 38009

Ion	Ratio	Lower	Upper
200	100		
173	54.8	5.9	45.9#
215	43.4	28.3	68.3



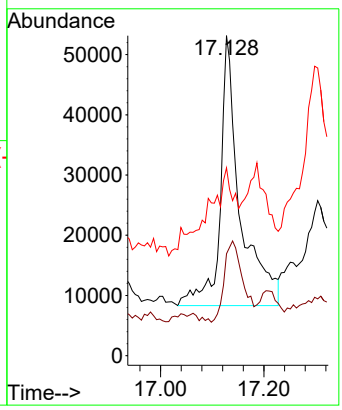


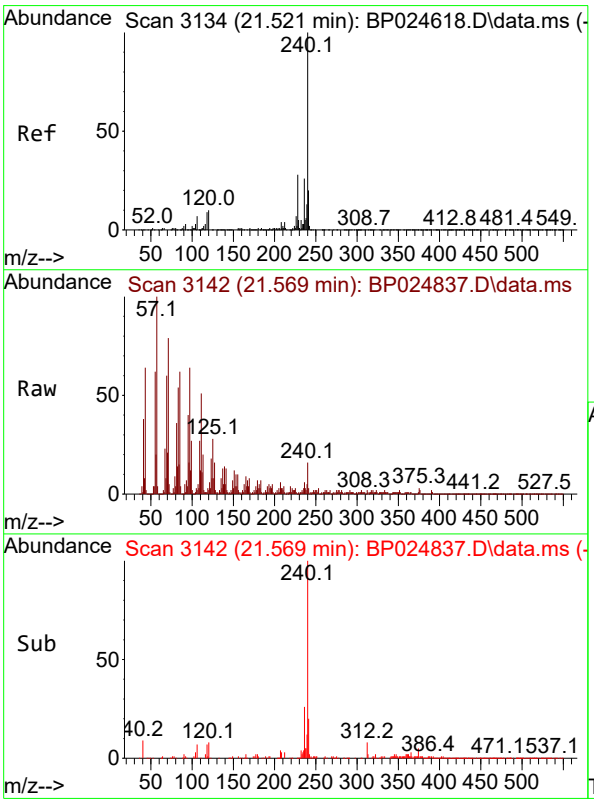
#71
Phenanthrene
Concen: 2.957 ng
RT: 17.128 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:178 Resp: 119401

Ion	Ratio	Lower	Upper
178	100		
176	31.9	15.4	23.2#
179	58.7	12.2	18.4#

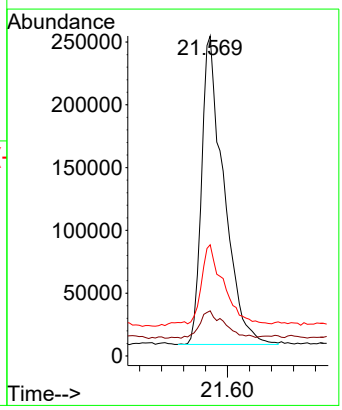


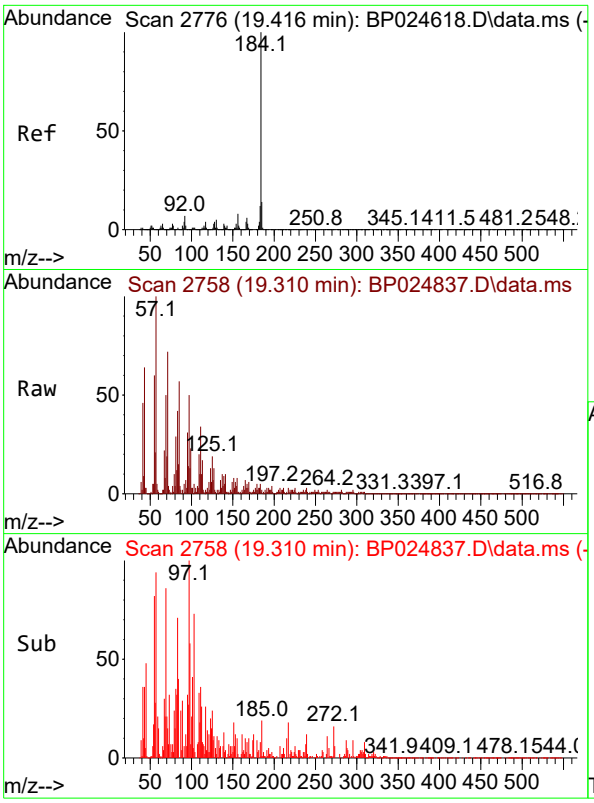


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.077 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:240 Resp: 685504

Ion	Ratio	Lower	Upper
240	100		
120	14.1	7.8	11.6#
236	34.8	20.6	31.0#



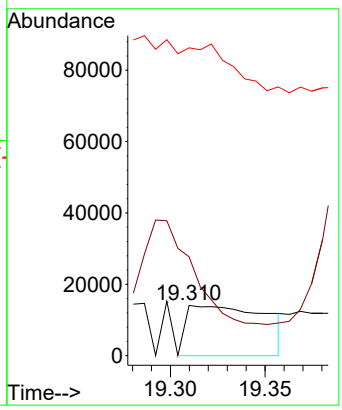


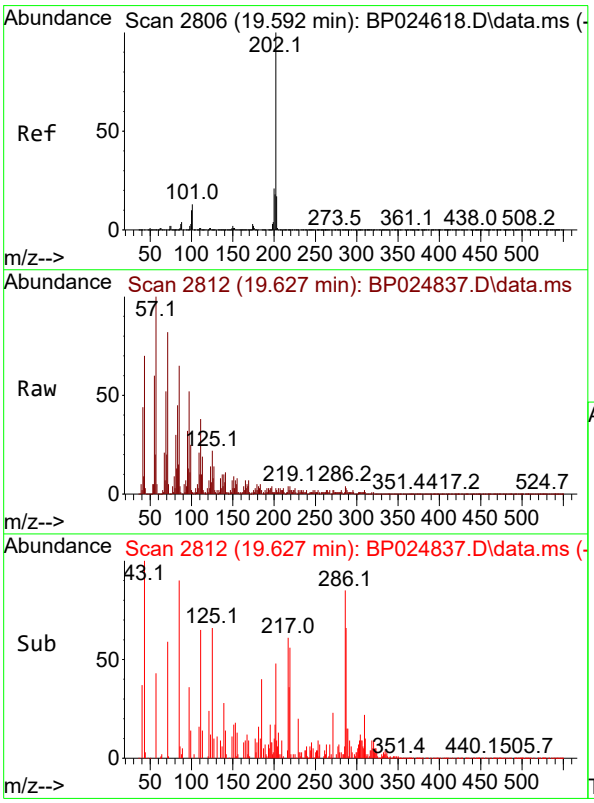
#77
Benzidine
Concen: 2.188 ng
RT: 19.310 min Scan# 2
Delta R.T. -0.094 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:184 Resp: 40852

Ion	Ratio	Lower	Upper
184	100		
185	196.7	11.2	16.8#
183	611.8	9.8	14.8#

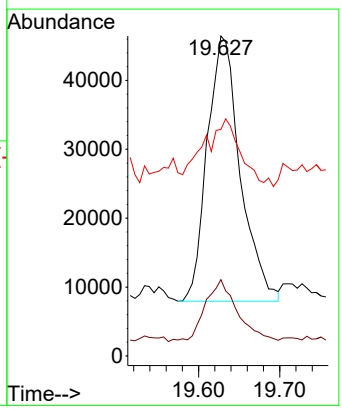


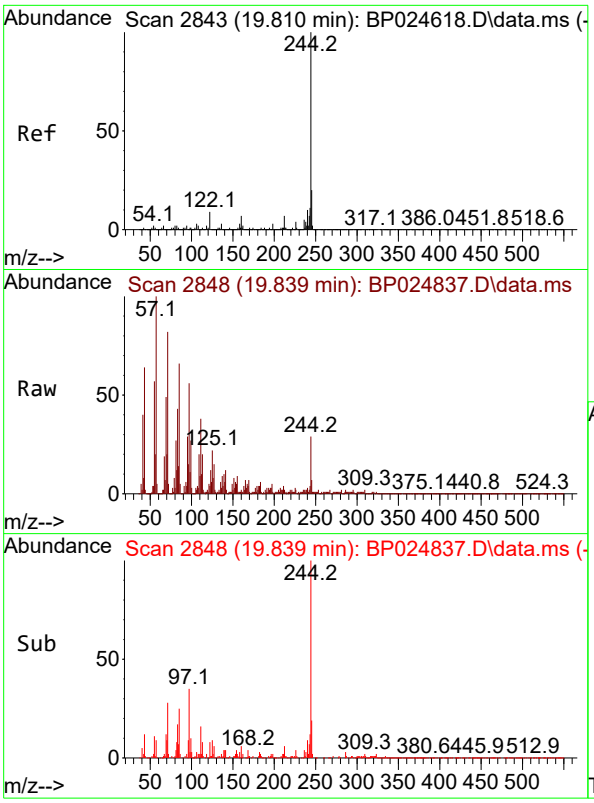


#78
Pyrene
Concen: 2.647 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.059 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:202 Resp: 108705

Ion	Ratio	Lower	Upper
202	100		
200	23.9	16.9	25.3
203	70.8	13.9	20.9#



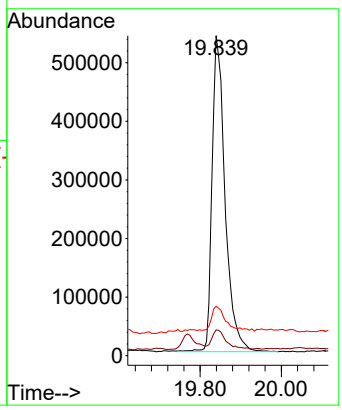


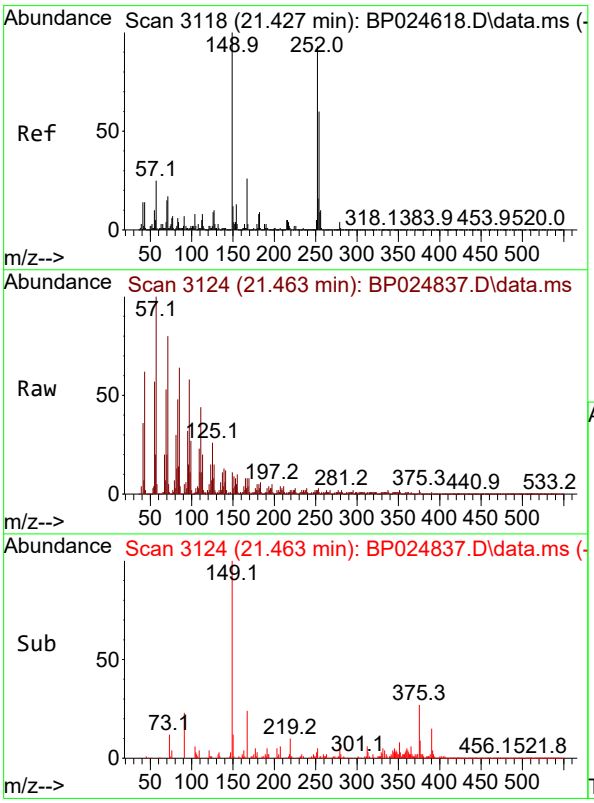
#79
Terphenyl-d14
Concen: 29.989 ng
RT: 19.839 min Scan# 2
Delta R.T. 0.053 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:244 Resp: 1198907

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.5	8.3
122	15.5	7.4	11.0#

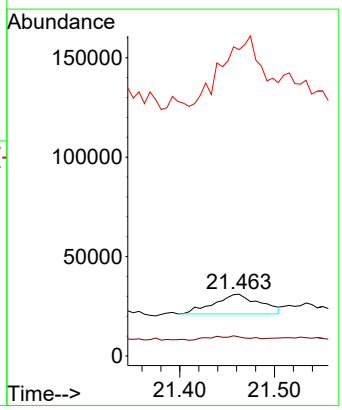


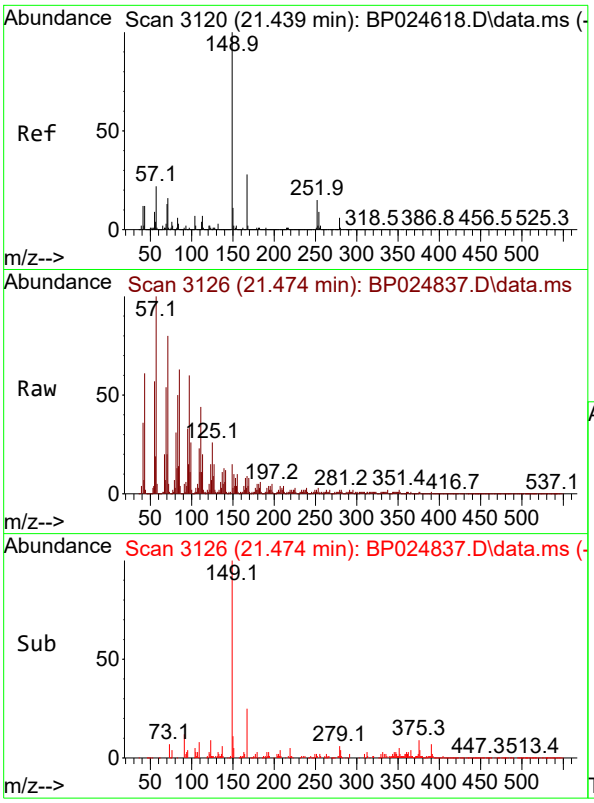


#82
3,3'-Dichlorobenzidine
Concen: 2.094 ng
RT: 21.463 min Scan# 3124
Delta R.T. 0.059 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:252 Resp: 33476

Ion	Ratio	Lower	Upper
252	100		
254	30.9	51.8	77.6#
126	496.0	7.7	11.5#



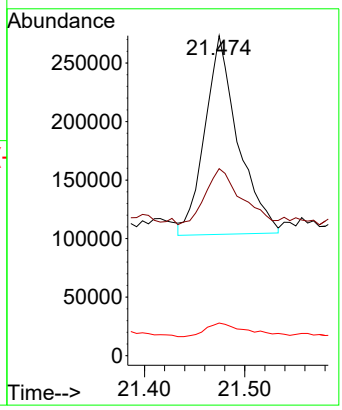


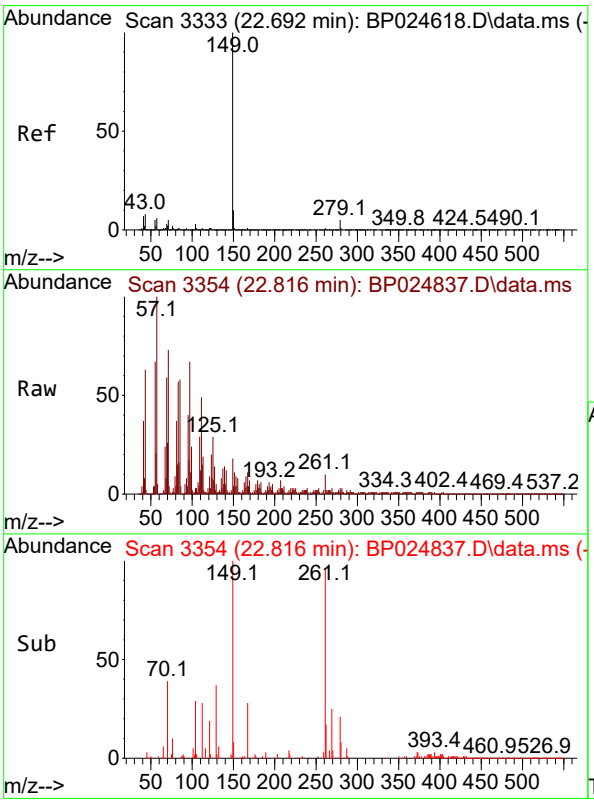
#84
Bis(2-ethylhexyl)phthalate
Concen: 14.532 ng
RT: 21.474 min Scan# 3
Delta R.T. 0.065 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:149 Resp: 390179

Ion	Ratio	Lower	Upper
149	100		
167	58.4	22.1	33.1#
279	10.2	4.6	6.8#

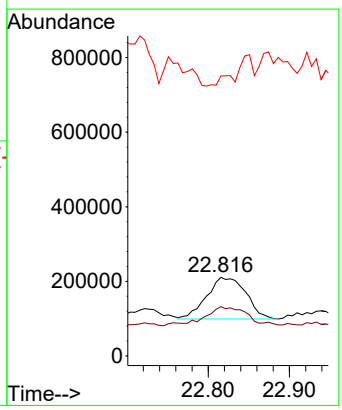


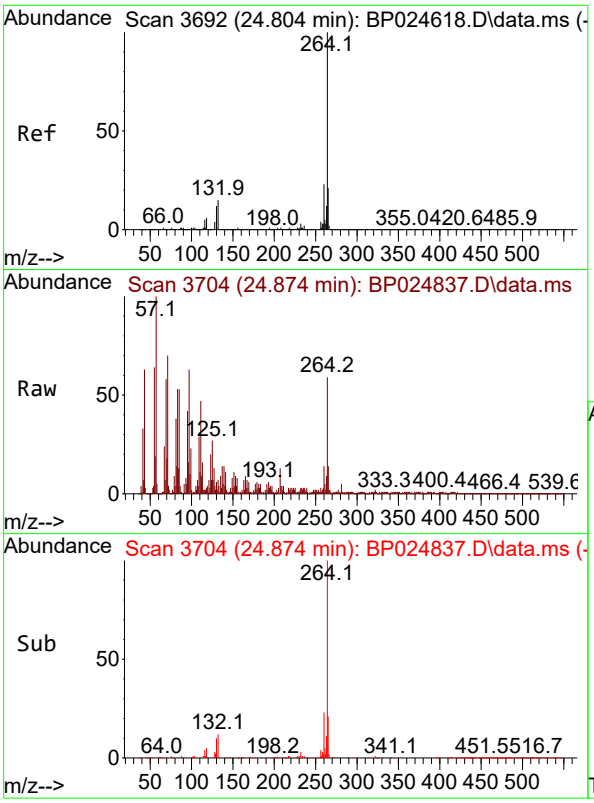


#85
Di-n-octyl phthalate
Concen: 8.545 ng
RT: 22.816 min Scan# 3354
Delta R.T. 0.171 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Tgt Ion:149 Resp: 375169

Ion	Ratio	Lower	Upper
149	100		
167	49.0	1.2	1.8#
43	0.0	6.3	9.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.874 min Scan# 3
Delta R.T. 0.130 min
Lab File: BP024837.D
Acq: 29 May 2025 20:30

Instrument :
BNA_P
ClientSampleId :
BELL-25-0010

Tgt Ion:264 Resp: 1120824

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	23.8	17.0	25.6