Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025165.D
Acq On : 16 Jul 2025 19:40
Operator : CG/JU
Sample : Q2598-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Quant Time: Jul 17 01:10:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	652260	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	2289802	20.000	ng		0.00
39) Acenaphthene-d10	14.101	164	1572681	20.000	ng		0.01
64) Phenanthrene-d10	16.913	188	3109314	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2922632	20.000	ng		0.00
86) Perylene-d12	24.507	264	3686825	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	1338487	36.360	ng		0.00
7) Phenol-d6	6.637	99	1702981	35.450	ng		0.00
23) Nitrobenzene-d5	8.572	82	980531	28.479	ng		0.00
42) 2,4,6-Tribromophenol	15.631	330	747323	40.225	ng		0.01
45) 2-Fluorobiphenyl	12.701	172	2451660	24.150	ng		0.00
79) Terphenyl-d14	19.678	244	4253906	31.989	ng		0.00
Target Compounds							Qvalue
26) 2-Nitrophenol	9.319	139	135	3.309	ng	#	1
32) Benzoic acid	9.513	122	729	6.230	ng	#	1
37) 2-Methylnaphthalene	11.866	142	188808	2.270	ng		99
38) 1-Methylnaphthalene	12.102	142	256230	3.158	ng	#	97
48) 2-Nitroaniline	13.143	65	1365	2.825	ng	#	30
49) Acenaphthylene	13.813	152	985396	7.486	ng		99
52) Acenaphthene	14.166	154	570083	6.719	ng		99
54) 2,4-Dinitrophenol	14.207	184	214	5.404	ng	#	1
55) Dibenzofuran	14.507	168	500770	3.577	ng		99
57) 2,4-Dinitrotoluene	14.484	165	4590	2.775	ng	#	55
58) Fluorene	15.172	166	1003409	9.265	ng		99
65) 4,6-Dinitro-2-methylph...	15.260	198	281	5.596	ng	#	1
71) Phenanthrene	16.960	178	8541587	51.411	ng		100
72) Anthracene	17.060	178	3601663	22.596	ng		99
73) Carbazole	17.337	167	402638	2.584	ng		95
75) Fluoranthene	19.054	202	13541151	69.726	ng		94
78) Pyrene	19.436	202	14618662	80.756	ng	#	86
80) Butylbenzylphthalate	20.442	149	3717	3.731	ng	#	25
81) Benzo(a)anthracene	21.330	228	7966061	44.976	ng		95
83) Chrysene	21.395	228	7446323	43.687	ng		98
85) Di-n-octyl phthalate	22.548	149	9975	6.149	ng	#	1
87) Indeno(1,2,3-cd)pyrene	28.036	276	5538967	23.583	ng	#	90
88) Benzo(b)fluoranthene	23.519	252	9516771	44.348	ng		99
89) Benzo(k)fluoranthene	23.519	252	9516771	44.571	ng		99
90) Benzo(a)pyrene	24.354	252	8149400	44.620	ng		98
91) Dibenzo(a,h)anthracene	28.107	278	1453481	7.487	ng	#	90
92) Benzo(g,h,i)perylene	29.130	276	5567253	27.759	ng		99

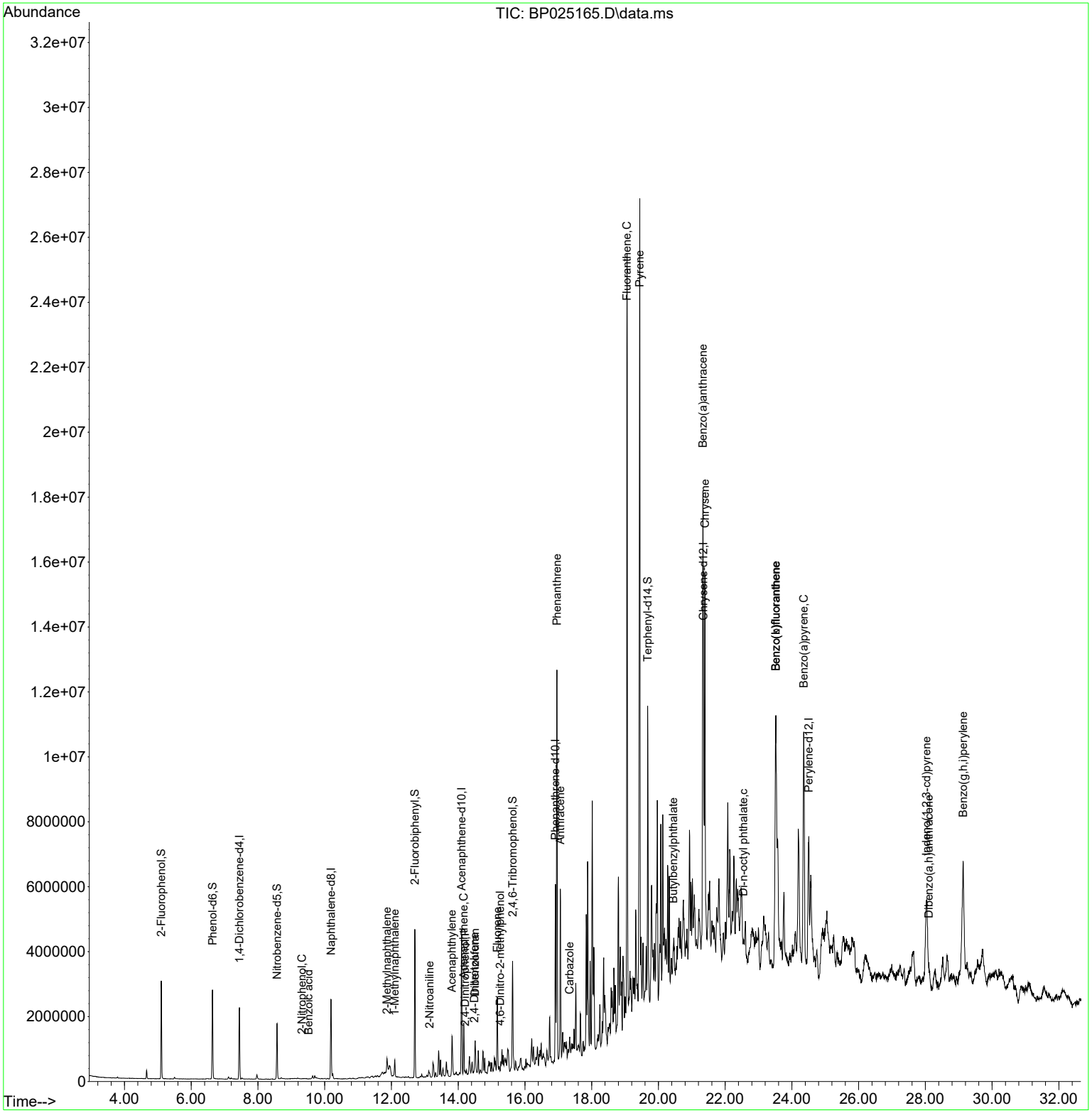
(#) = qualifier out of range (m) = manual integration (+) = signals summed

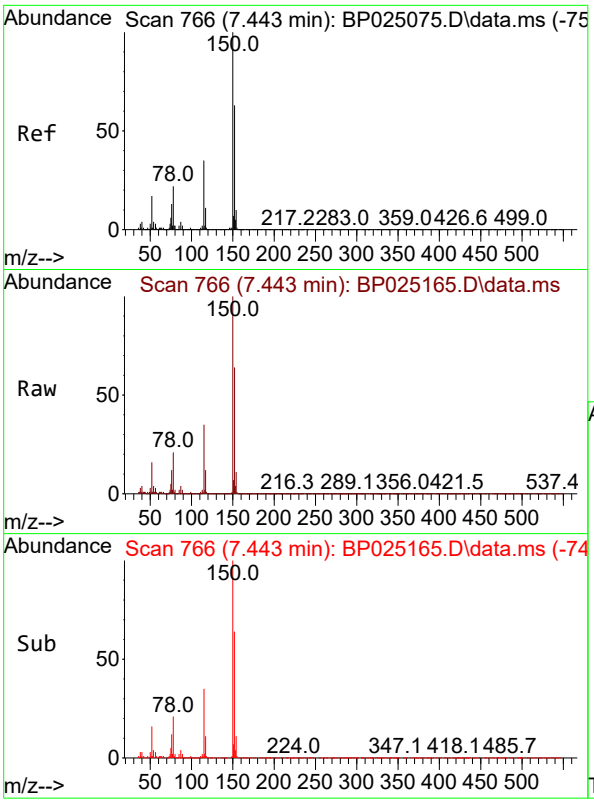
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025165.D
Acq On : 16 Jul 2025 19:40
Operator : CG/JU
Sample : Q2598-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Quant Time: Jul 17 01:10:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



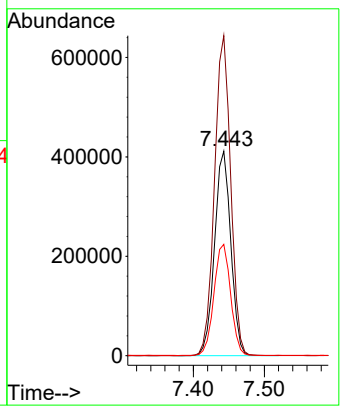


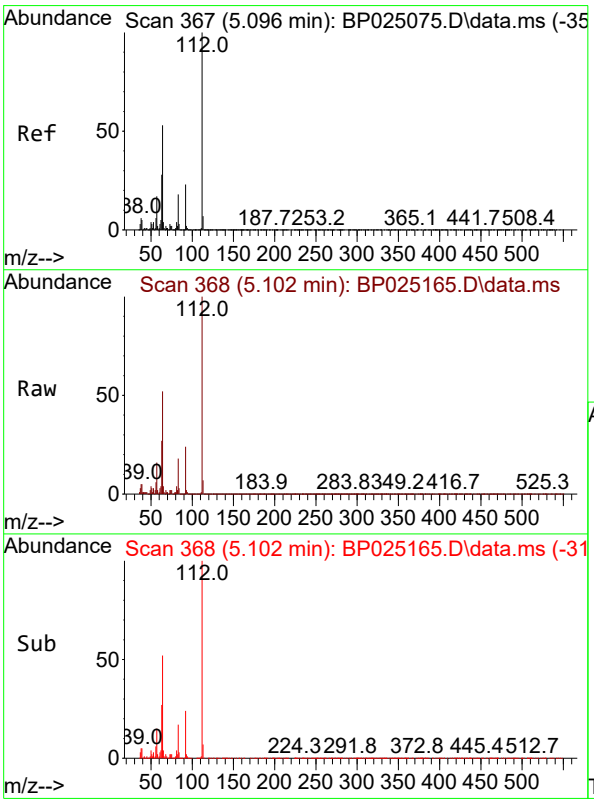
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:152 Resp: 652260

Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.1	189.1
115	54.5	44.3	66.5

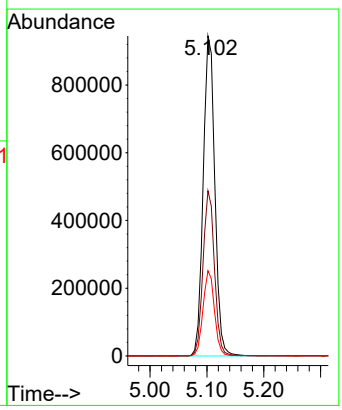


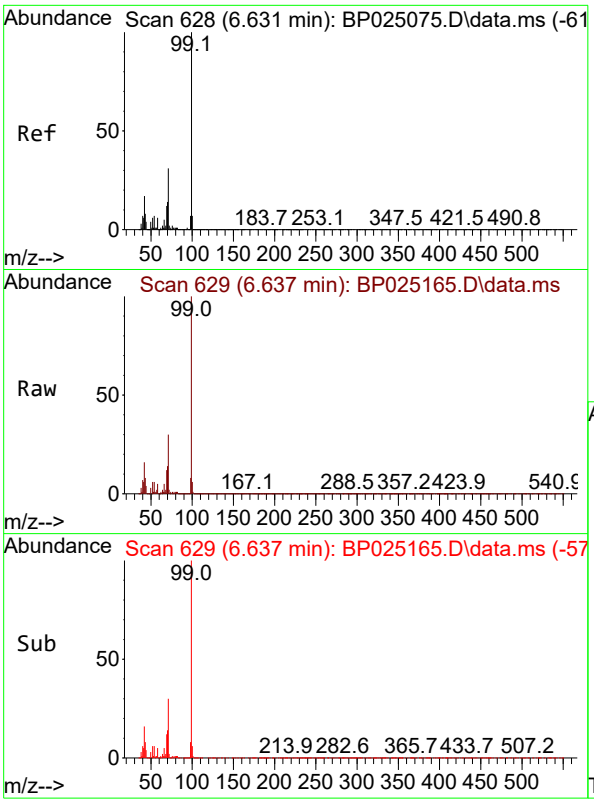


#5
2-Fluorophenol
Concen: 36.360 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:112 Resp: 1338487

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.0	63.0
63	26.7	22.2	33.2



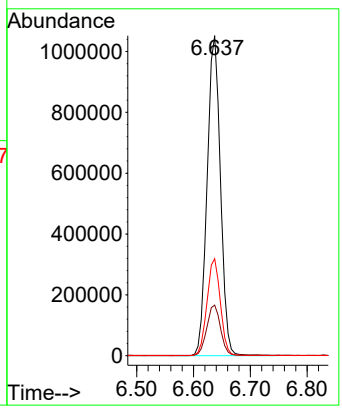


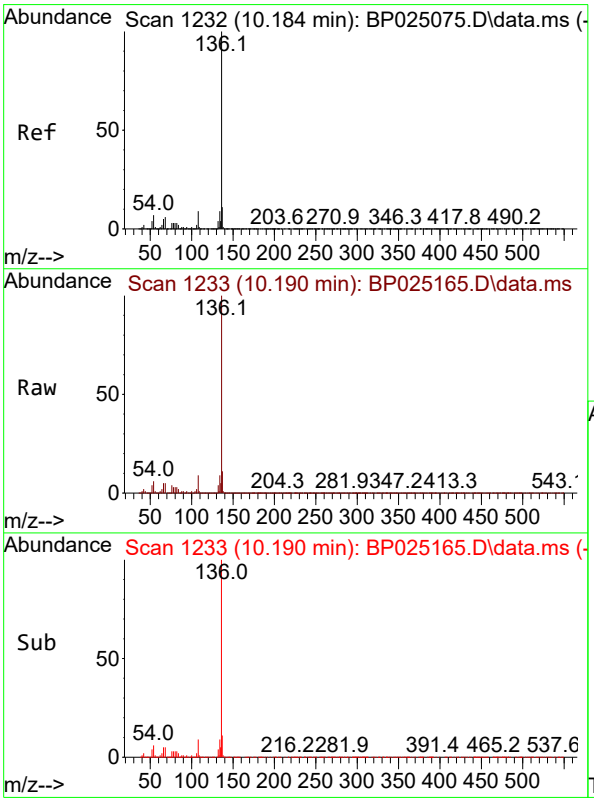
#7
Phenol-d6
Concen: 35.450 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion: 99 Resp: 1702981

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.6	20.4
71	30.3	24.4	36.6

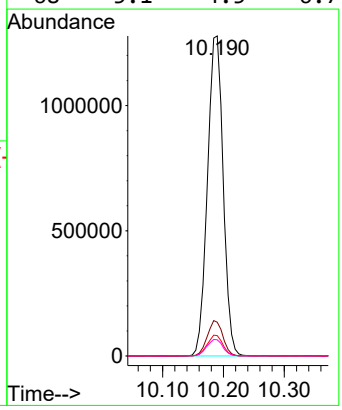


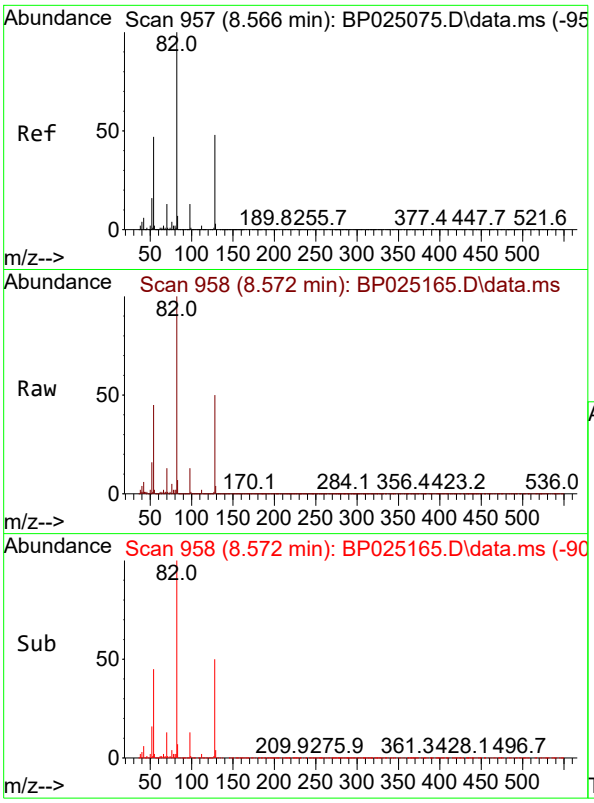


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:136 Resp: 2289802

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.4	5.4	8.2
68	5.1	4.5	6.7



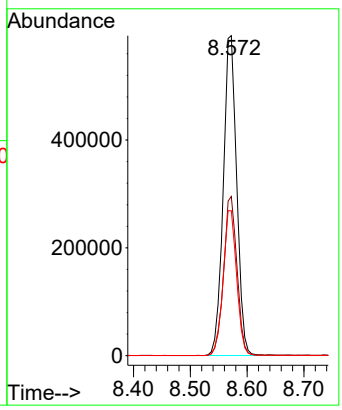


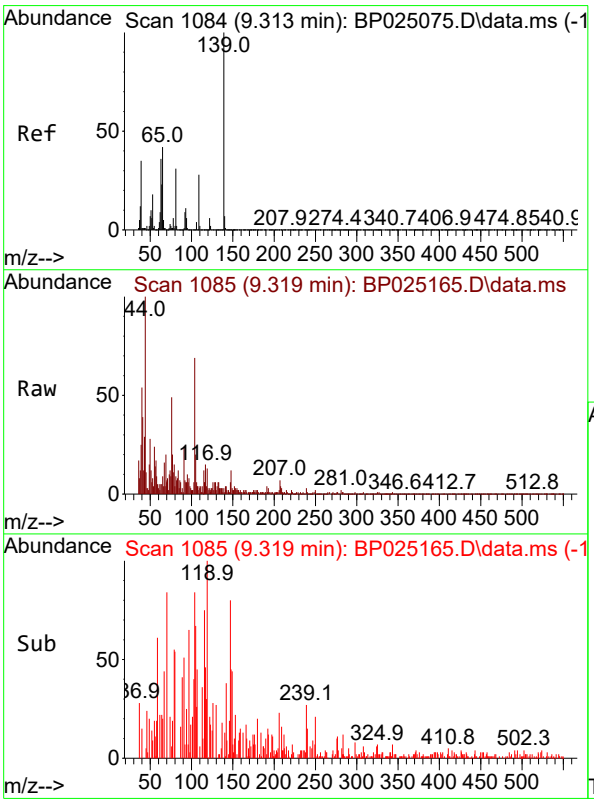
#23
Nitrobenzene-d5
Concen: 28.479 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion: 82 Resp: 980531

Ion	Ratio	Lower	Upper
82	100		
128	49.8	38.4	57.6
54	45.3	37.8	56.6

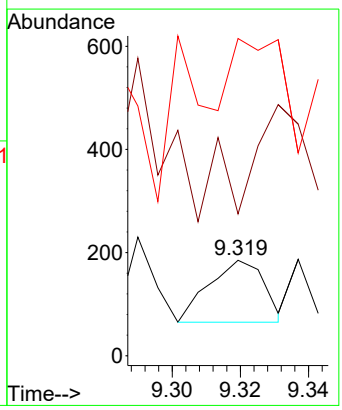


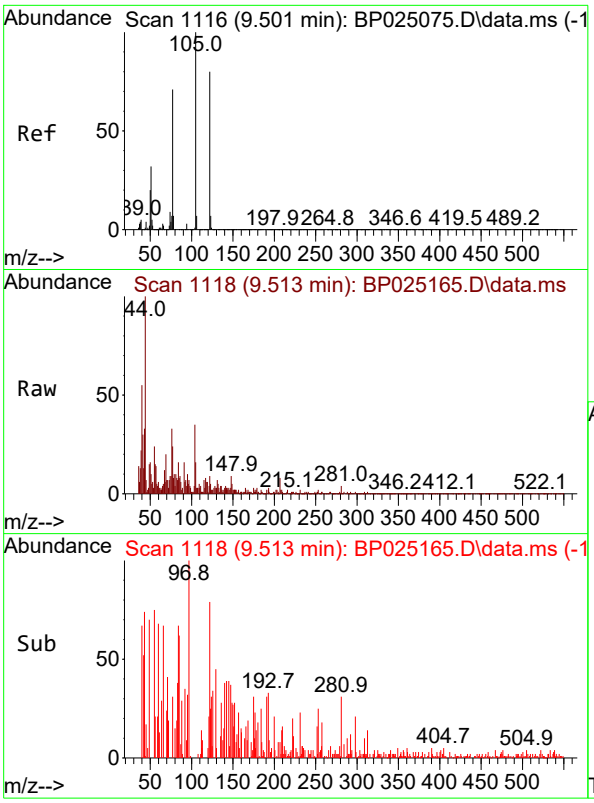


#26
2-Nitrophenol
Concen: 3.309 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:139 Resp: 135

Ion	Ratio	Lower	Upper
139	100		
109	148.6	22.3	33.5#
65	332.4	33.8	50.8#



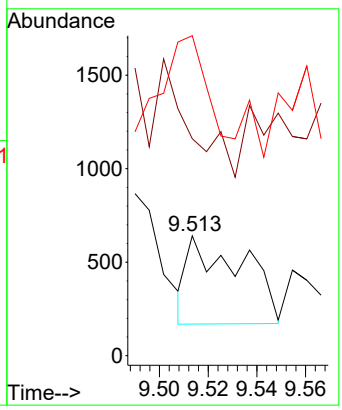


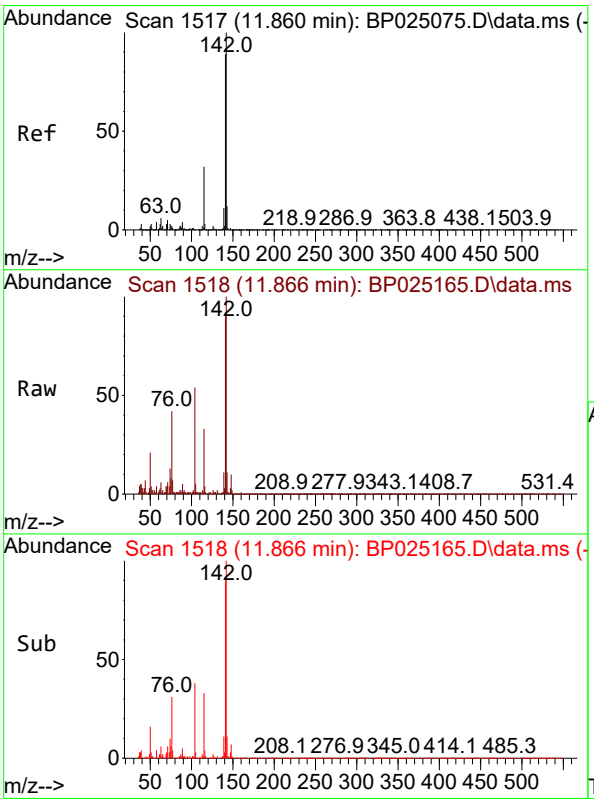
#32
Benzoic acid
Concen: 6.230 ng
RT: 9.513 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:122 Resp: 729

Ion	Ratio	Lower	Upper
122	100		
105	181.0	101.0	141.0#
77	266.9	67.6	107.6#

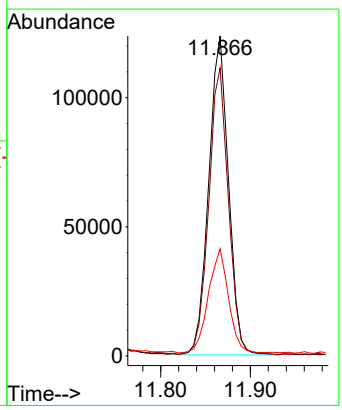


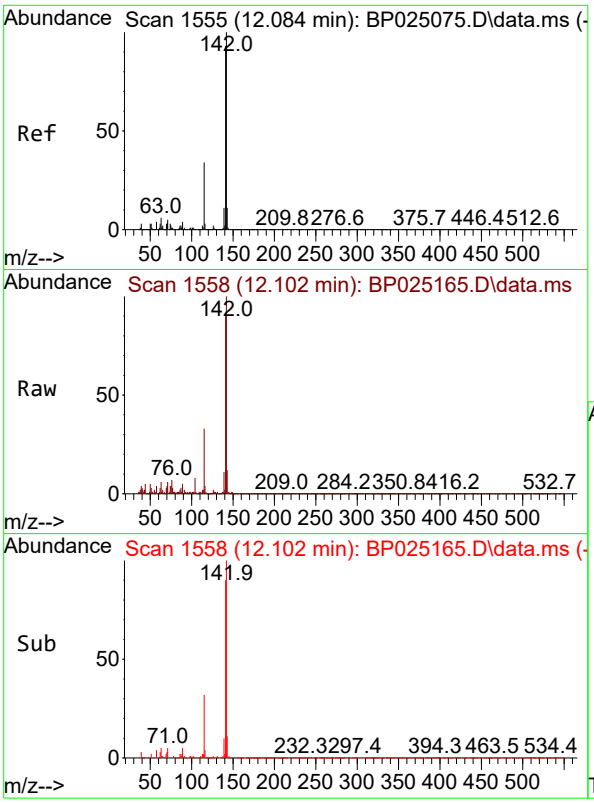


#37
2-Methylnaphthalene
Concen: 2.270 ng
RT: 11.866 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:142 Resp: 188808

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.2	106.8
115	33.5	25.9	38.9



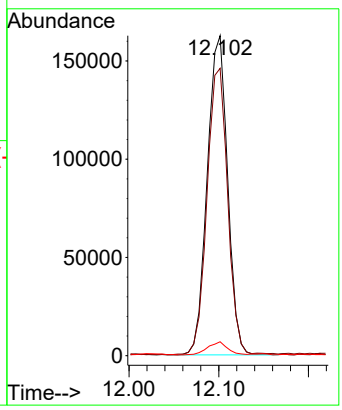


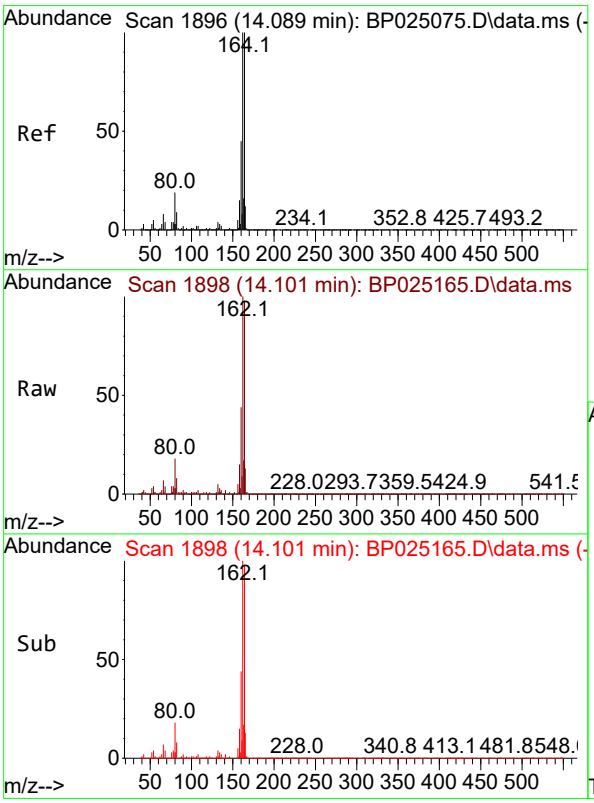
#38
1-Methylnaphthalene
Concen: 3.158 ng
RT: 12.102 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:142 Resp: 256230

Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.1	111.1
116	4.4	2.7	4.1#

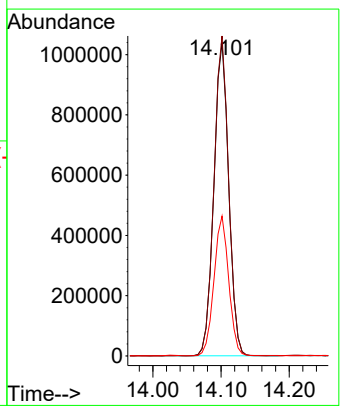


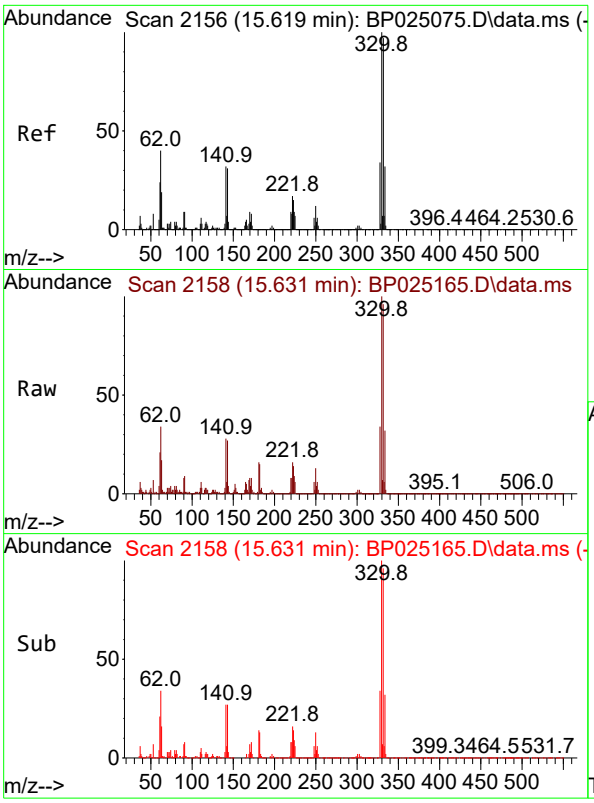


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:164 Resp: 1572681

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.3	120.5
160	44.6	35.9	53.9



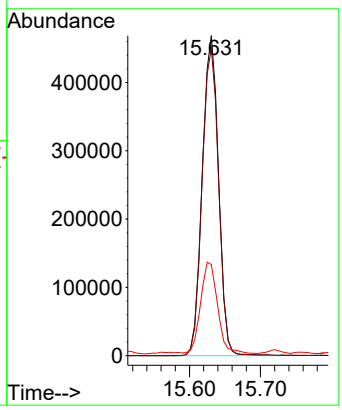


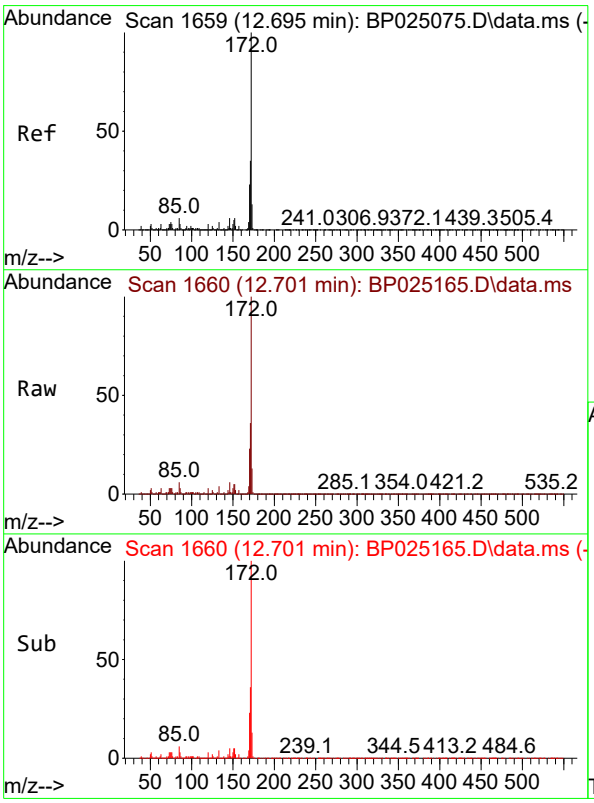
#42
2,4,6-Tribromophenol
Concen: 40.225 ng
RT: 15.631 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:330 Resp: 747323

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.7	116.5
141	29.8	26.0	39.0

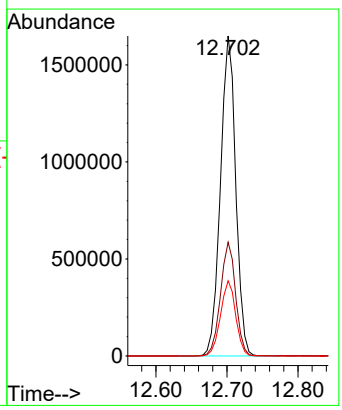


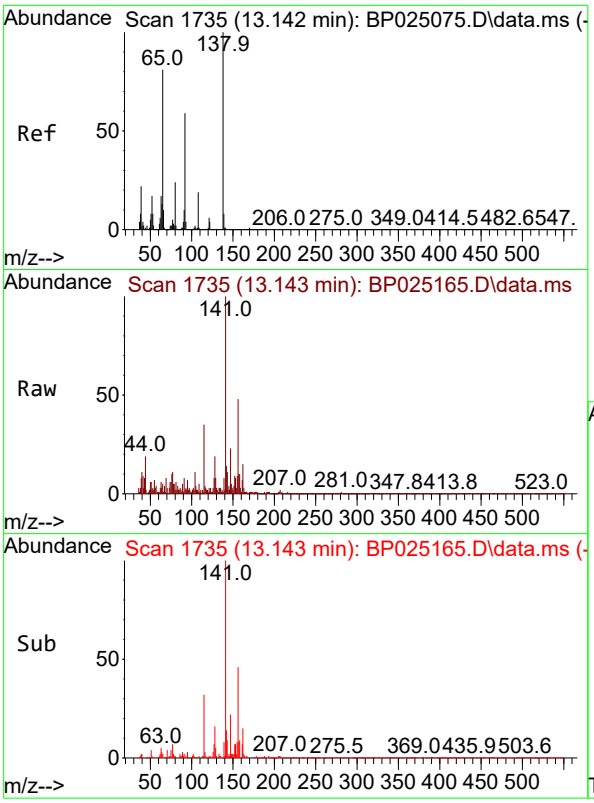


#45
2-Fluorobiphenyl
Concen: 24.150 ng
RT: 12.701 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:172 Resp: 2451660

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.5	18.7	28.1



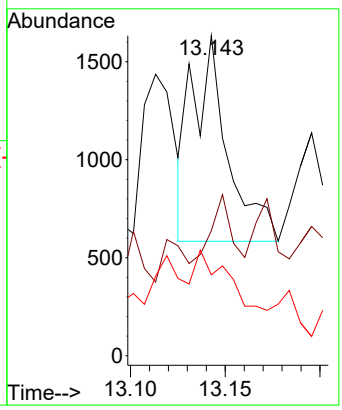


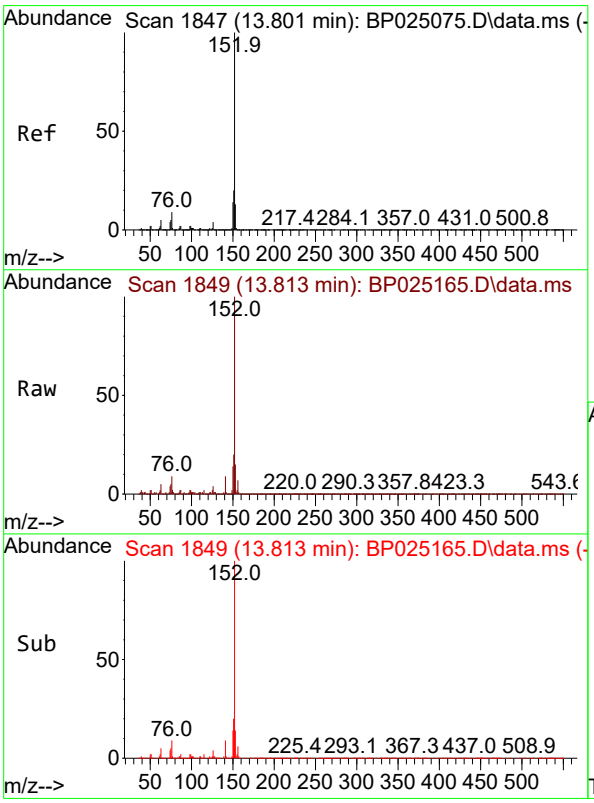
#48
2-Nitroaniline
Concen: 2.825 ng
RT: 13.143 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion: 65 Resp: 1365

Ion	Ratio	Lower	Upper
65	100		
92	39.1	58.7	88.1#
138	25.2	99.0	148.4#

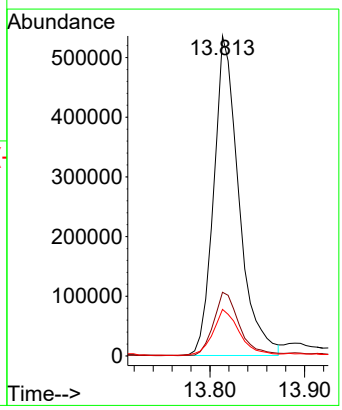


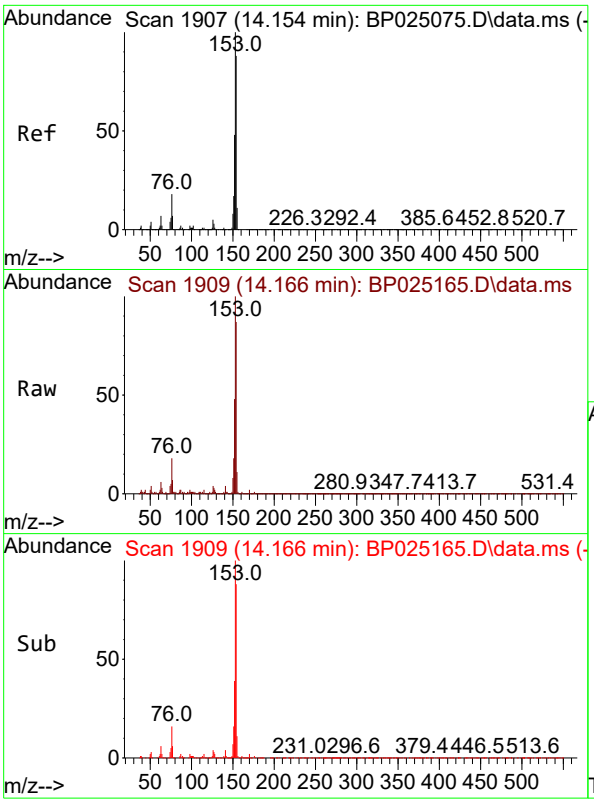


#49
Acenaphthylene
Concen: 7.486 ng
RT: 13.813 min Scan# 1849
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:152 Resp: 985396

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	14.6	10.7	16.1



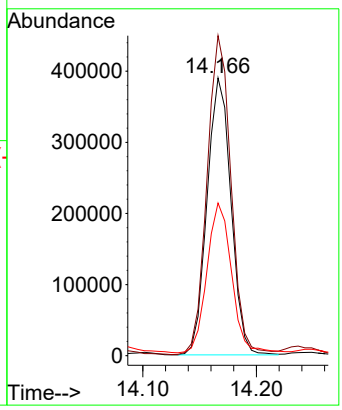


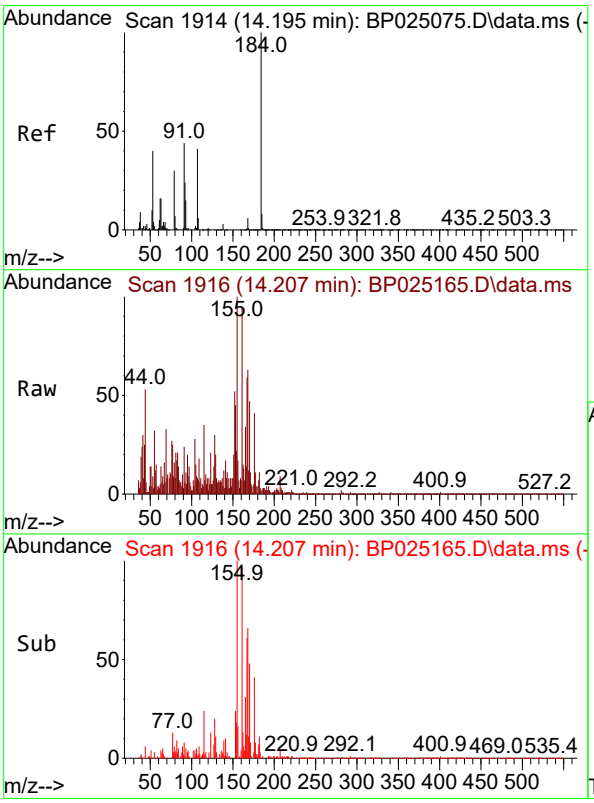
#52
Acenaphthene
Concen: 6.719 ng
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:154 Resp: 570083

Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.6	136.0
152	55.0	43.8	65.8

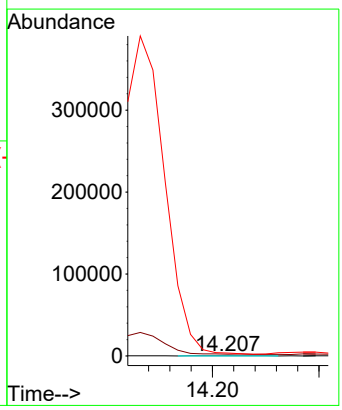


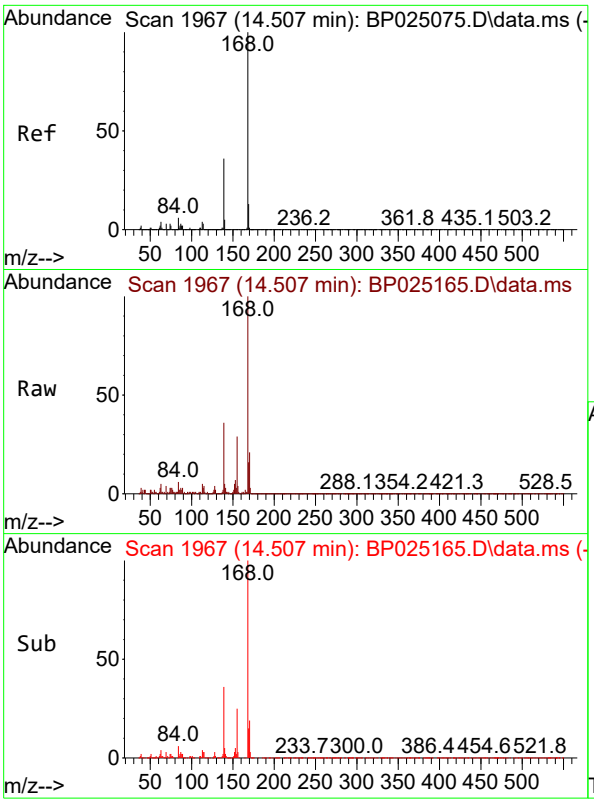


#54
2,4-Dinitrophenol
Concen: 5.404 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:184 Resp: 214

Ion	Ratio	Lower	Upper
184	100		
63	930.3	47.4	71.0#
154	1508.4	47.8	71.8#



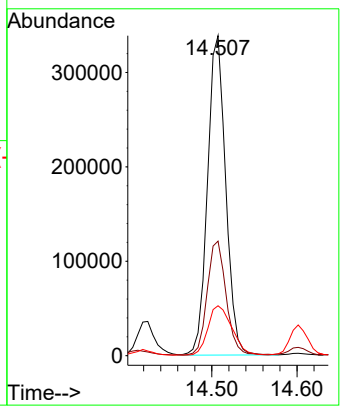


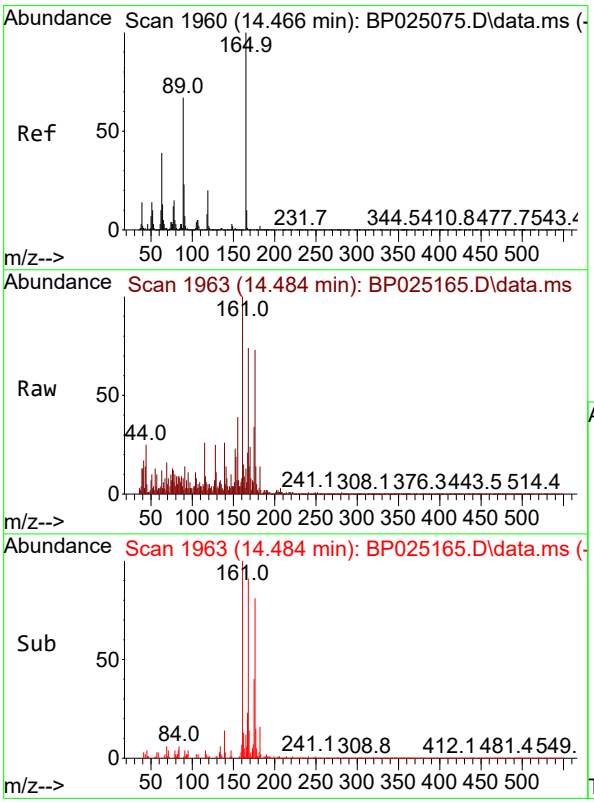
#55
Dibenzofuran
Concen: 3.577 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:168 Resp: 500770

Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.6	43.0
169	15.6	10.7	16.1

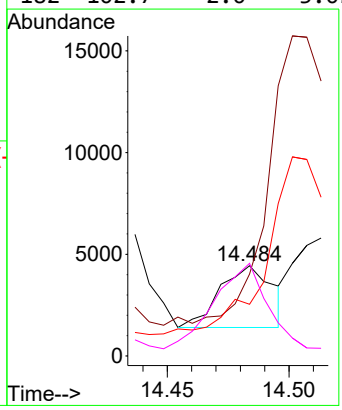


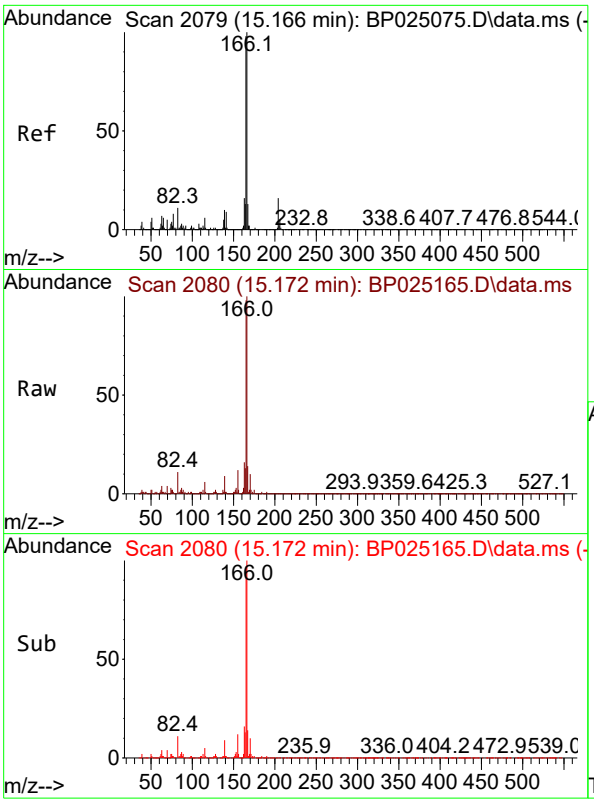


#57
2,4-Dinitrotoluene
Concen: 2.775 ng
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:165 Resp: 4590

Ion	Ratio	Lower	Upper
165	100		
63	90.9	31.0	46.4#
89	57.3	53.4	80.0
182	102.7	2.0	3.0#



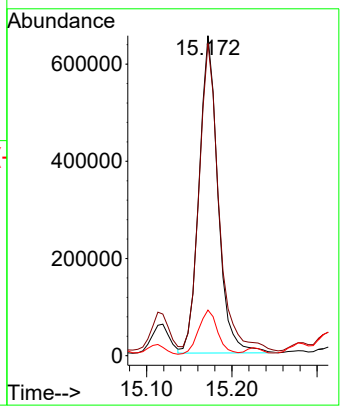


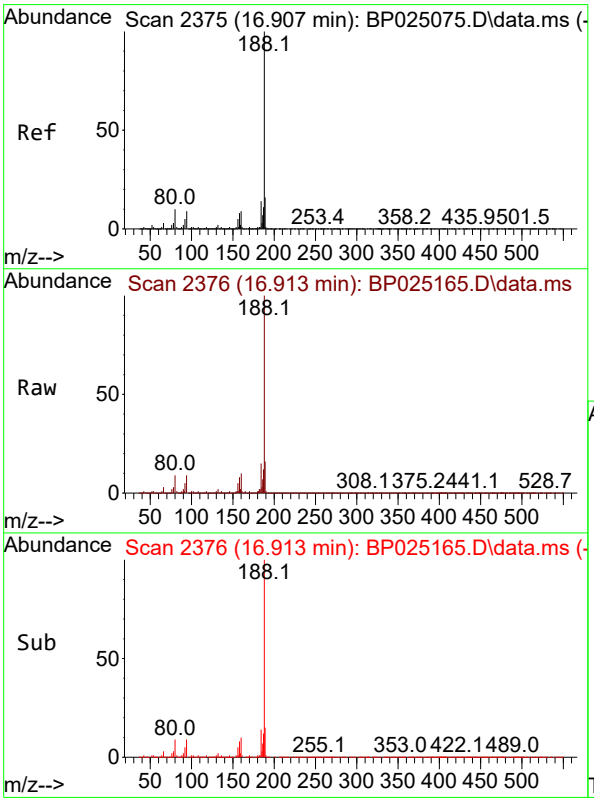
#58
Fluorene
Concen: 9.265 ng
RT: 15.172 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:166 Resp: 1003409

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	14.3	10.7	16.1

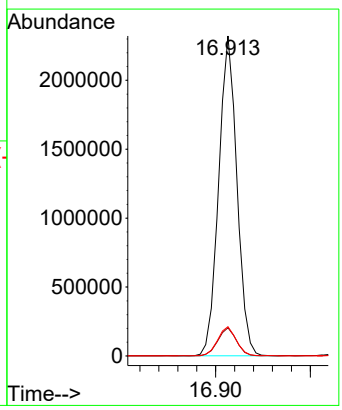


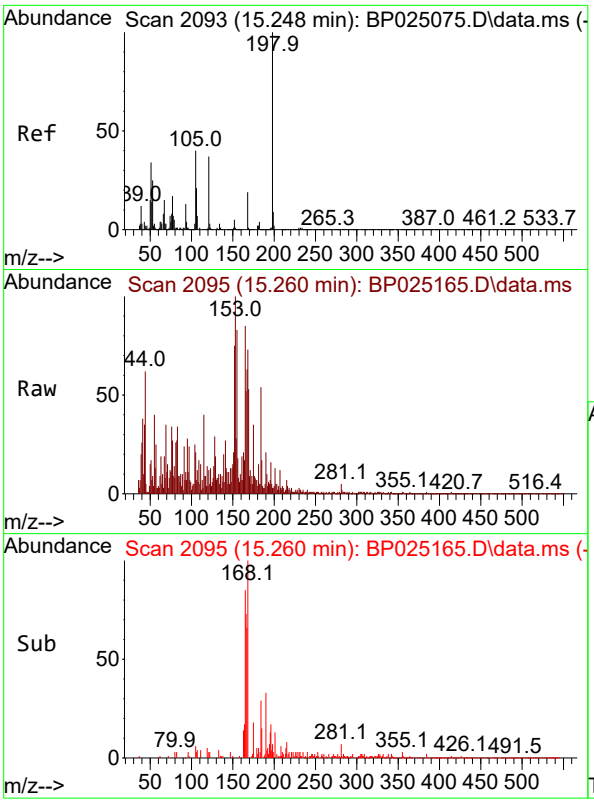


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:188 Resp: 3109314

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.3	10.9
80	9.1	7.8	11.6



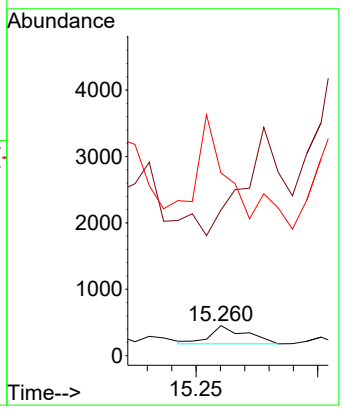


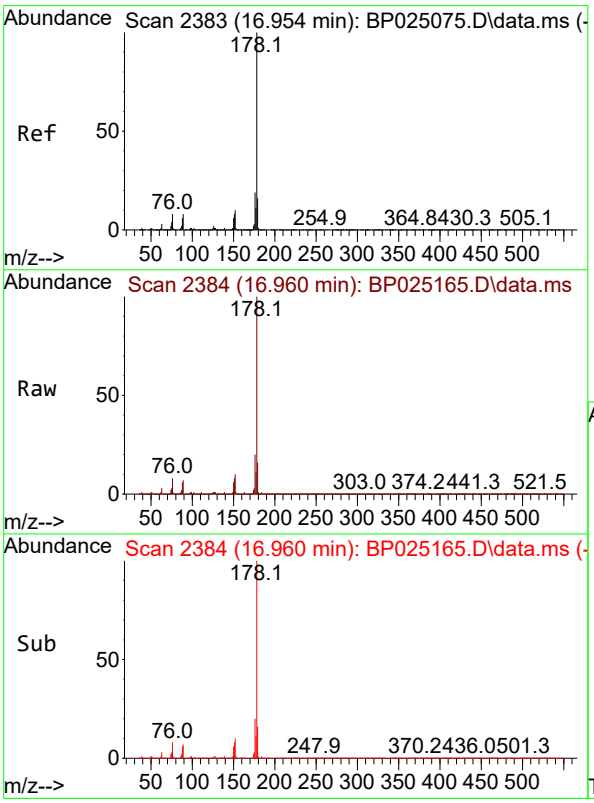
#65
4,6-Dinitro-2-methylphenol
Concen: 5.596 ng
RT: 15.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:198 Resp: 281

Ion	Ratio	Lower	Upper
198	100		
51	485.0	16.8	56.8#
105	608.8	20.8	60.8#

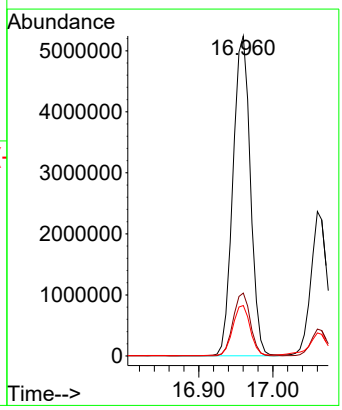


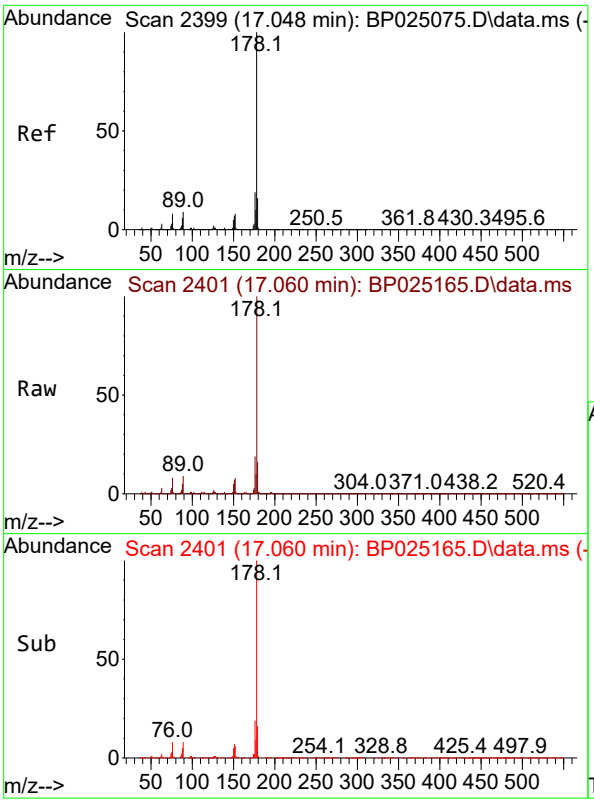


#71
Phenanthrene
Concen: 51.411 ng
RT: 16.960 min Scan# 2384
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:178 Resp: 8541587

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.7	12.6	19.0



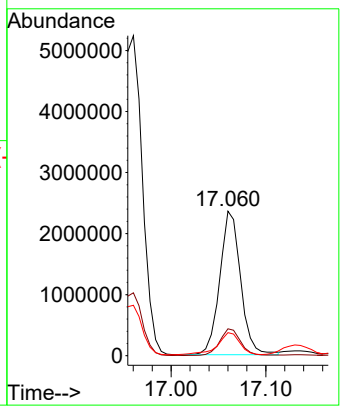


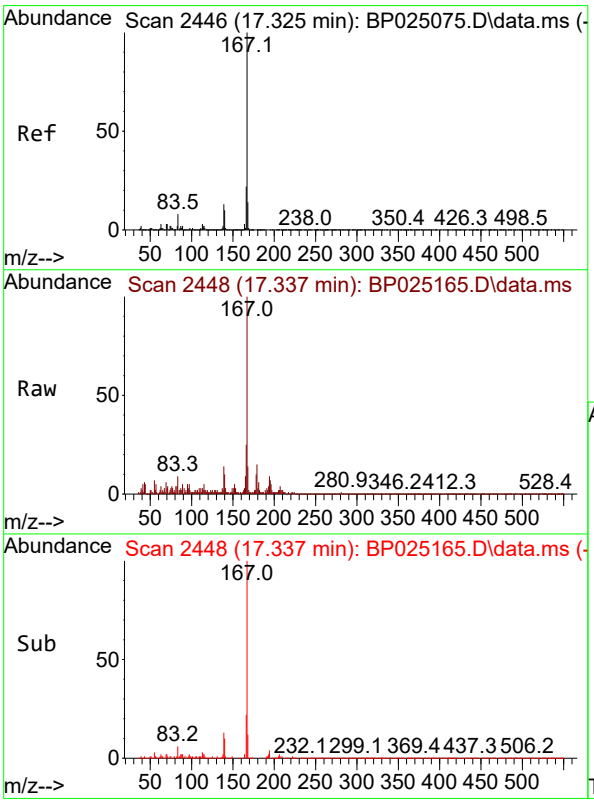
#72
Anthracene
Concen: 22.596 ng
RT: 17.060 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:178 Resp: 3601663

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	16.0	12.5	18.7

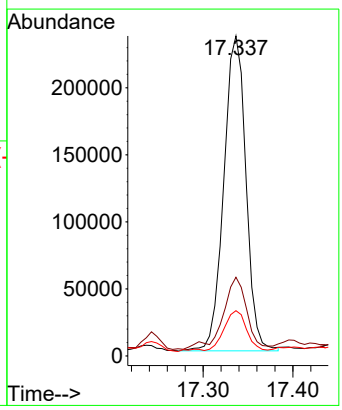


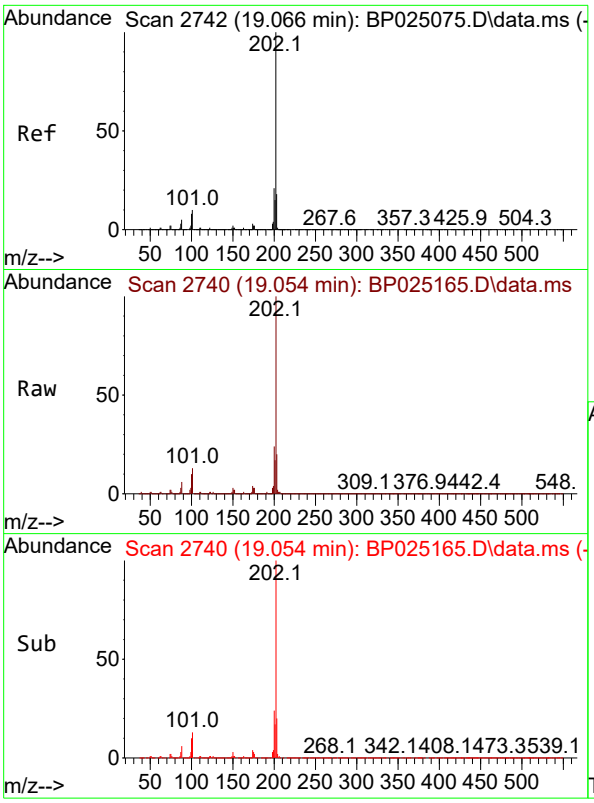


#73
Carbazole
Concen: 2.584 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:167 Resp: 402638

Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.4	26.0
139	14.2	10.4	15.6



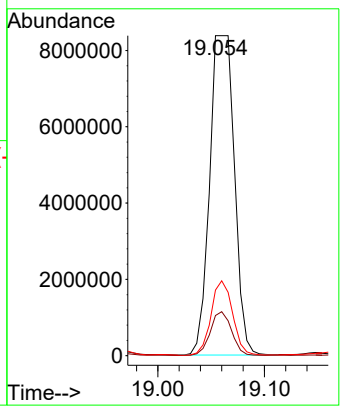


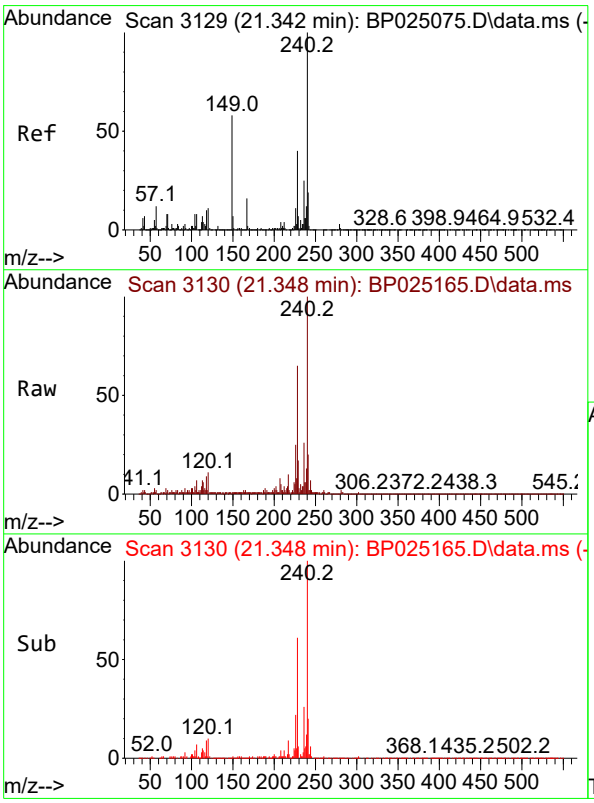
#75
Fluoranthene
Concen: 69.726 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:202 Resp:13541151

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.4
203	20.5	0.0	37.6

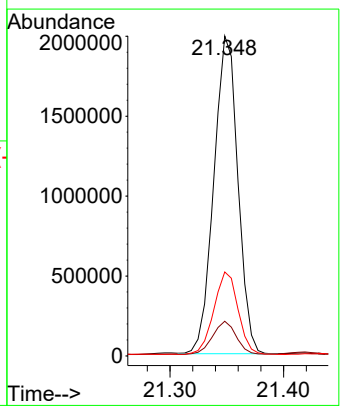


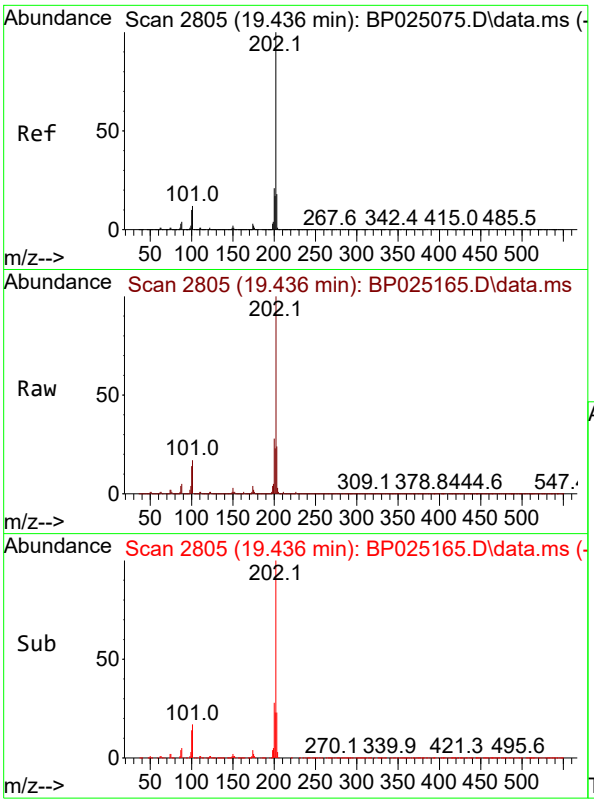


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:240 Resp: 2922632

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	26.2	20.3	30.5



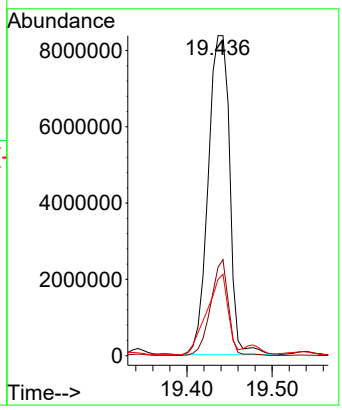


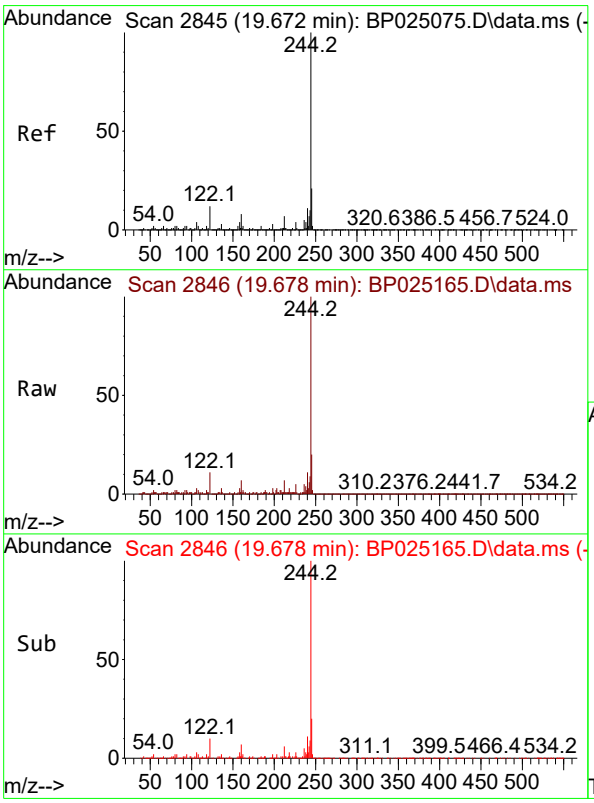
#78
Pyrene
Concen: 80.756 ng
RT: 19.436 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:202 Resp:14618662

Ion	Ratio	Lower	Upper
202	100		
200	27.7	17.1	25.7#
203	23.8	14.1	21.1#

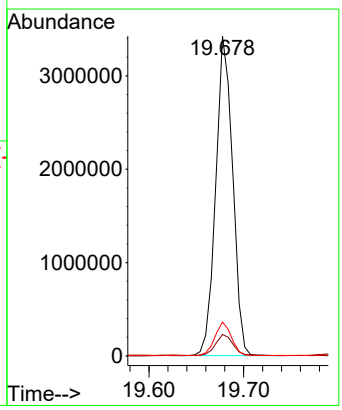


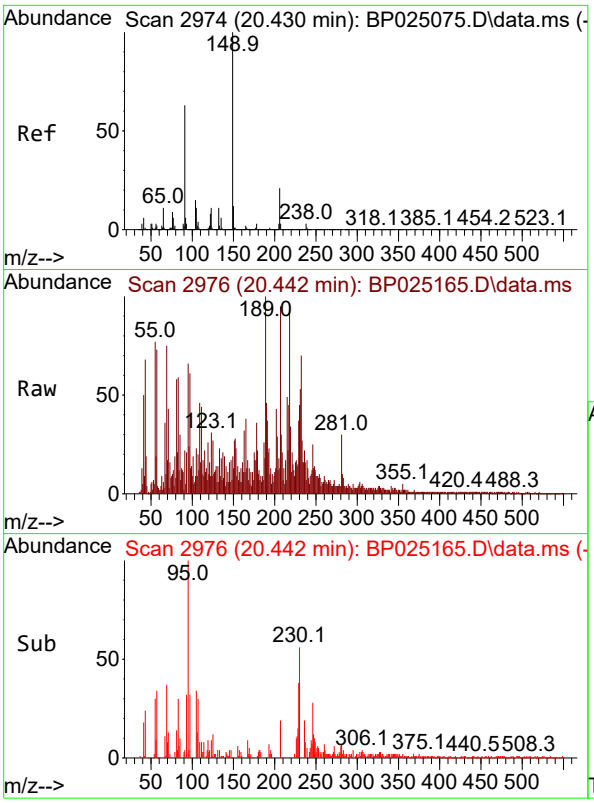


#79
Terphenyl-d14
Concen: 31.989 ng
RT: 19.678 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:244 Resp: 4253906

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.6	9.4	14.2



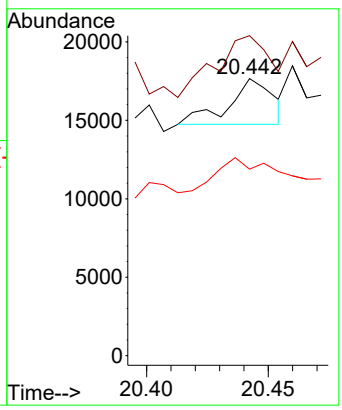


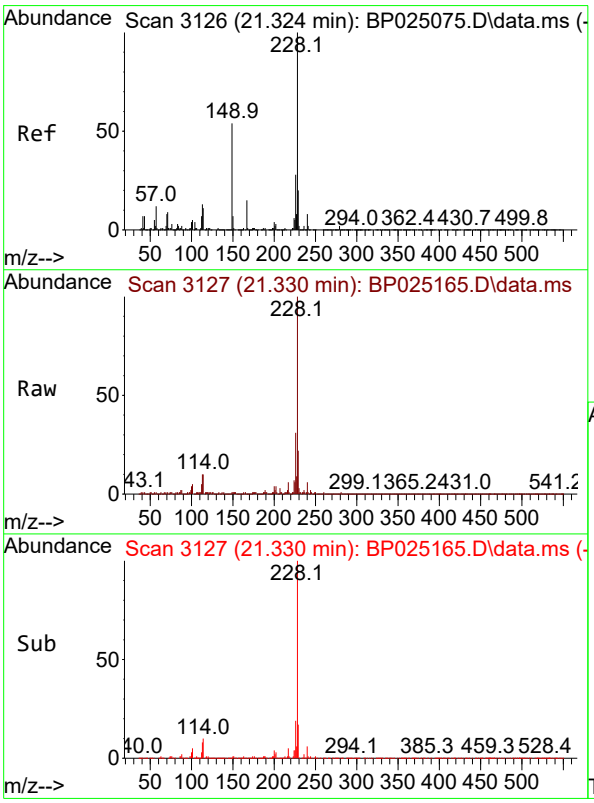
#80
Butylbenzylphthalate
Concen: 3.731 ng
RT: 20.442 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:149 Resp: 3717

Ion	Ratio	Lower	Upper
149	100		
91	115.5	50.6	76.0#
206	67.3	17.2	25.8#

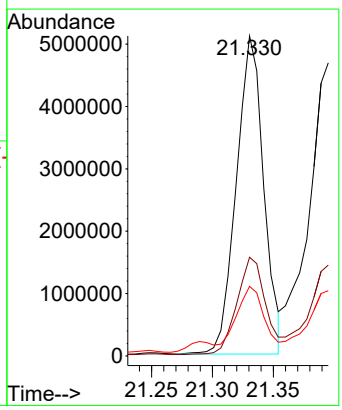


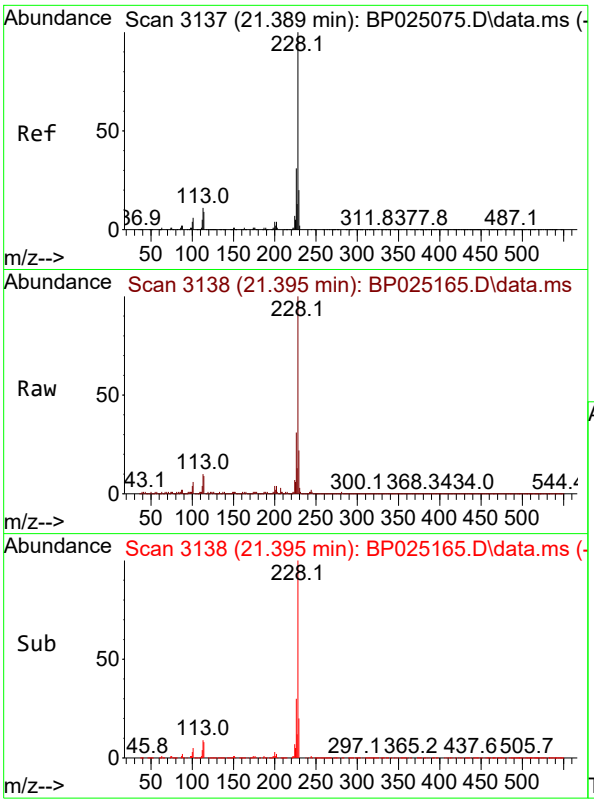


#81
Benzo(a)anthracene
Concen: 44.976 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:228 Resp: 7966061

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.1	33.1
229	21.8	16.0	24.0



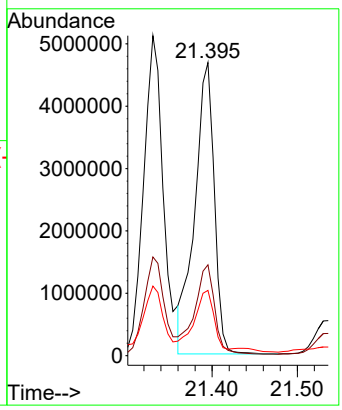


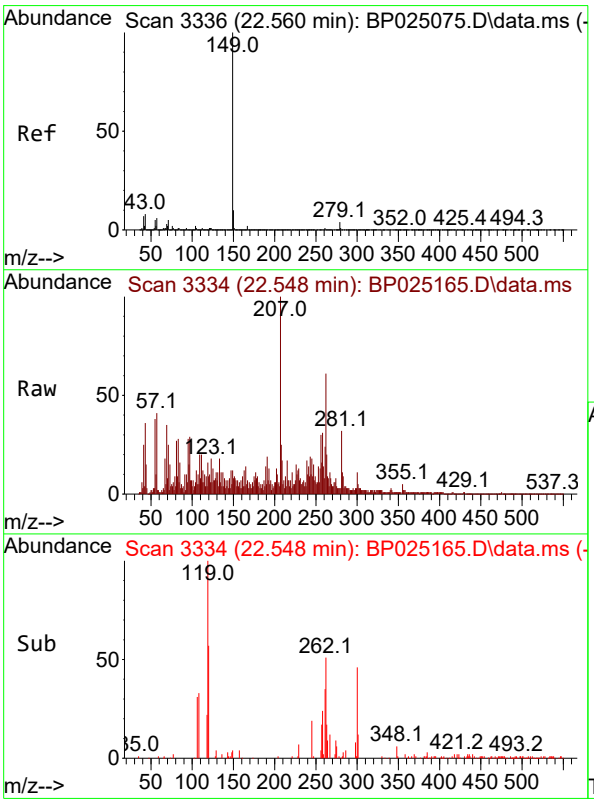
#83
Chrysene
Concen: 43.687 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:228 Resp: 7446323

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	22.3	16.0	24.0

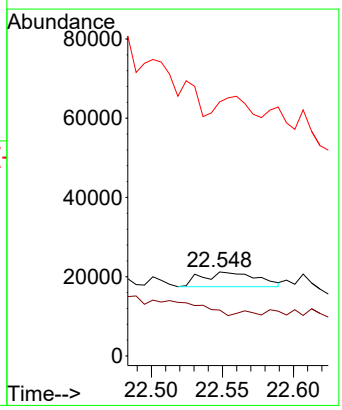


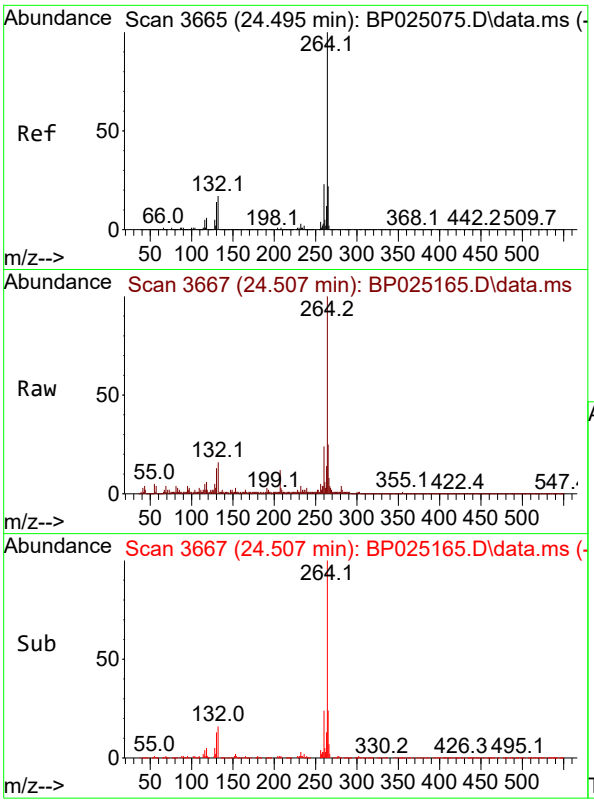


#85
Di-n-octyl phthalate
Concen: 6.149 ng
RT: 22.548 min Scan# 3334
Delta R.T. -0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:149 Resp: 9975

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	65.9	6.9	10.3#



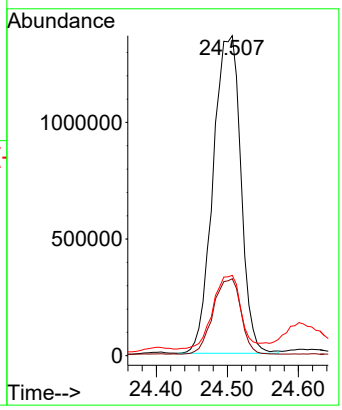


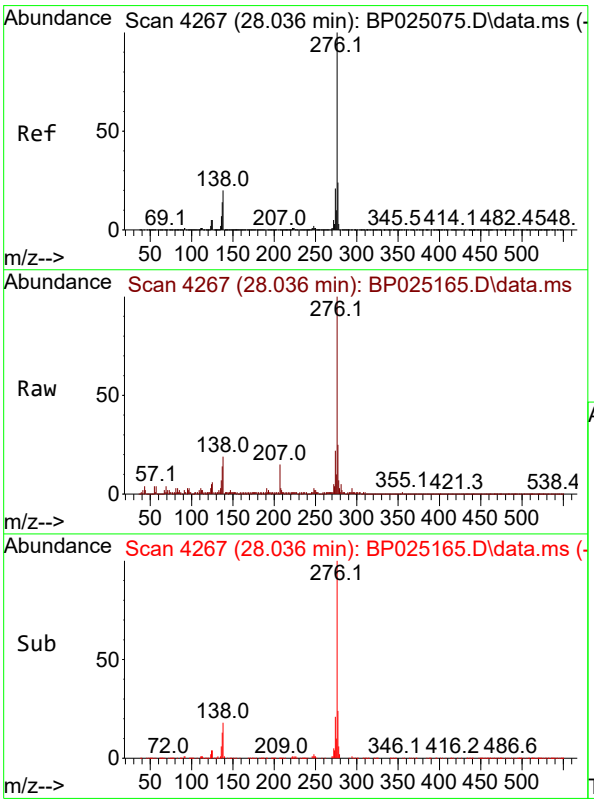
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.507 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:264 Resp: 3686825

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	25.1	17.7	26.5

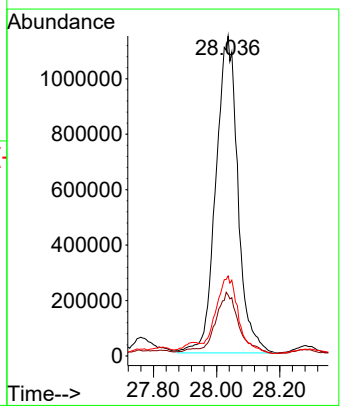


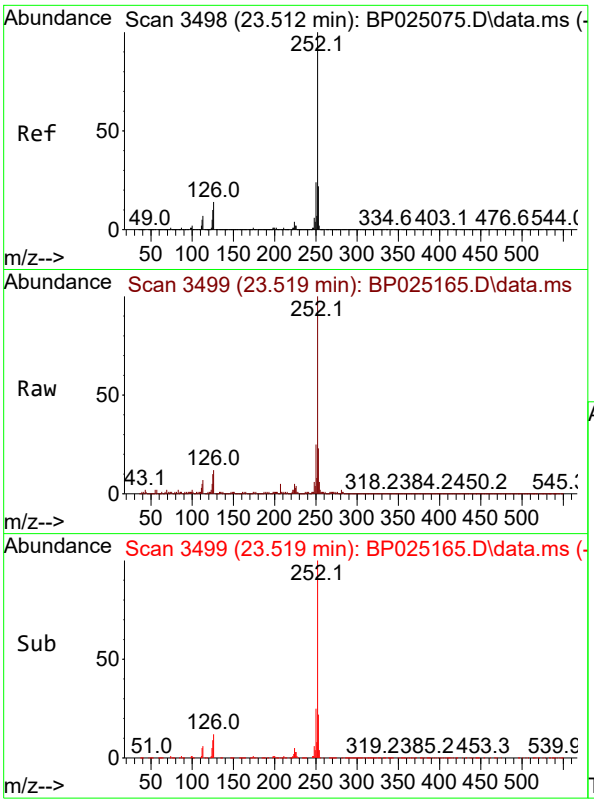


#87
Indeno(1,2,3-cd)pyrene
Concen: 23.583 ng
RT: 28.036 min Scan# 4267
Delta R.T. 0.000 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:276 Resp: 5538967

Ion	Ratio	Lower	Upper
276	100		
138	20.0	13.0	19.6#
277	24.7	15.9	23.9#



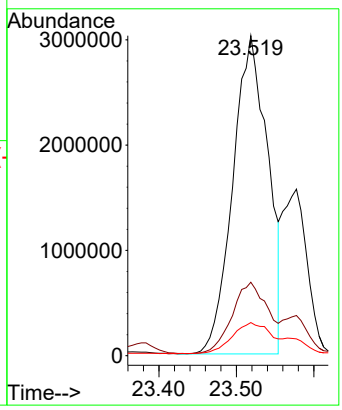


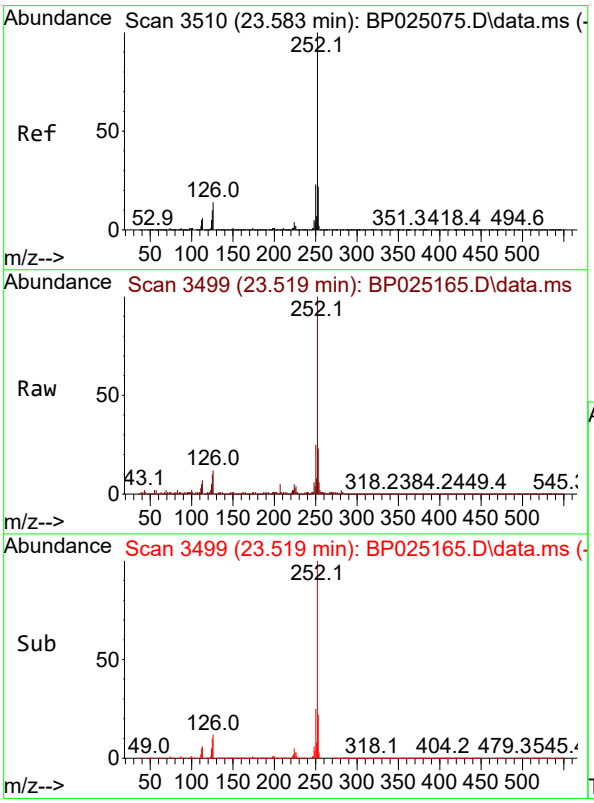
#88
Benzo(b)fluoranthene
Concen: 44.348 ng
RT: 23.519 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:252 Resp: 9516771

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	10.3	8.1	12.1

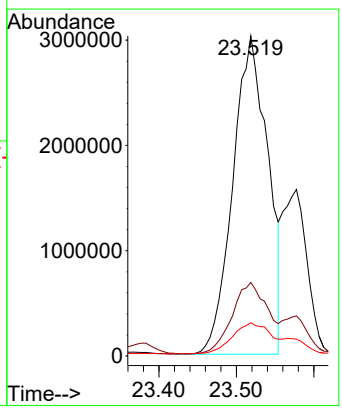


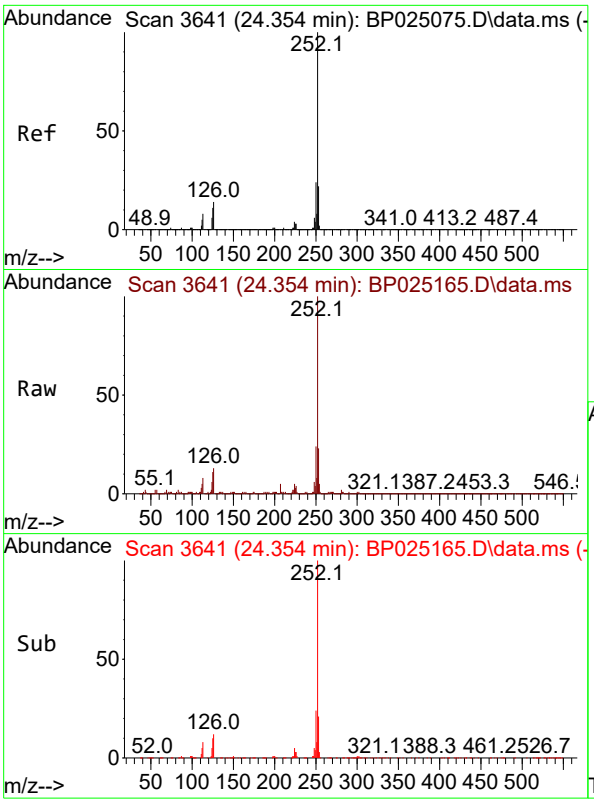


#89
Benzo(k)fluoranthene
Concen: 44.571 ng
RT: 23.519 min Scan# 3499
Delta R.T. -0.064 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:252 Resp: 9516771

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	10.3	8.2	12.2



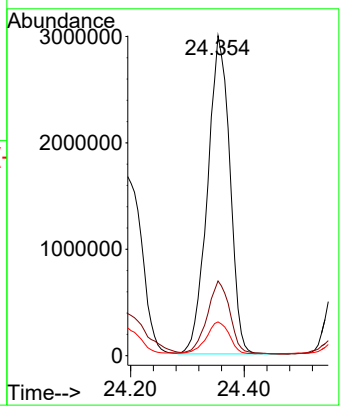


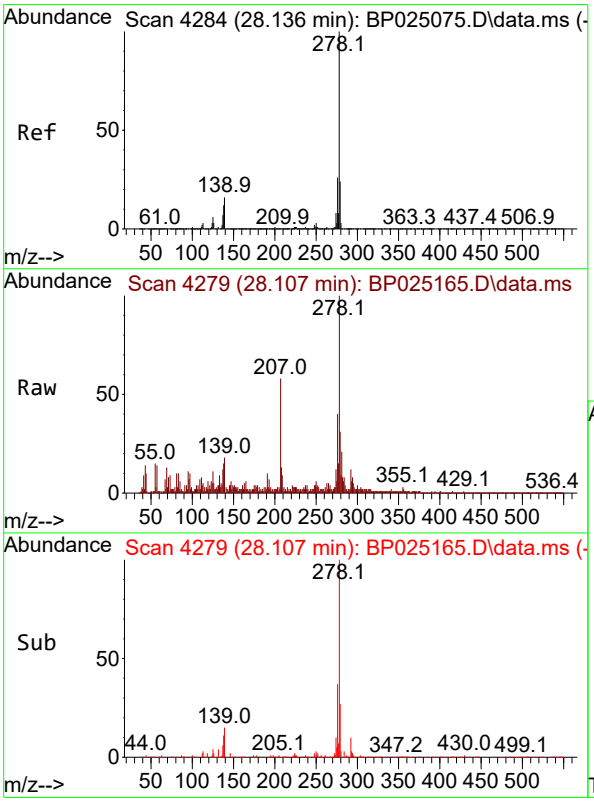
#90
Benzo(a)pyrene
Concen: 44.620 ng
RT: 24.354 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:252 Resp: 8149400

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	10.6	9.0	13.4

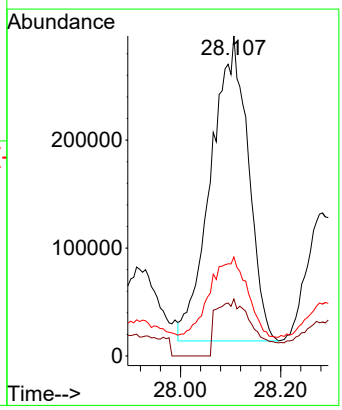


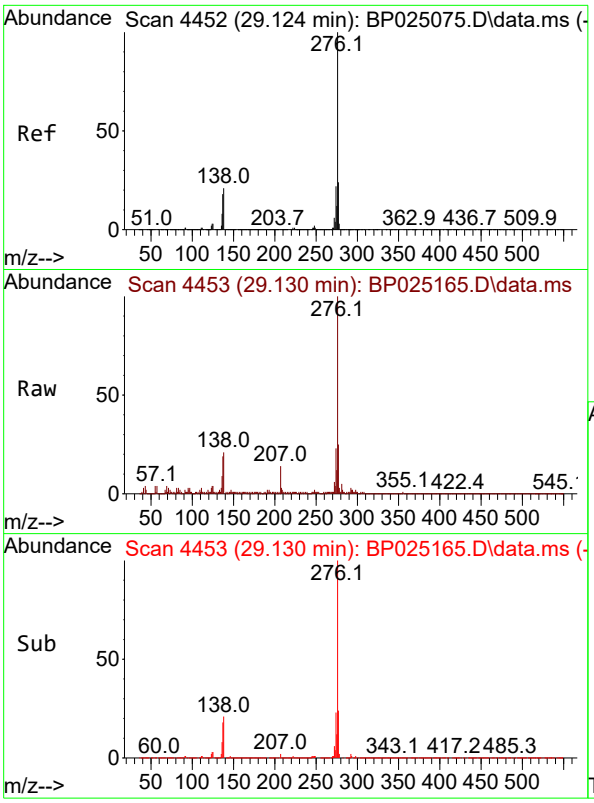


#91
Dibenzo(a,h)anthracene
Concen: 7.487 ng
RT: 28.107 min Scan# 4279
Delta R.T. -0.029 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Tgt Ion:278 Resp: 1453481

Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.1	19.7
279	30.9	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 27.759 ng
RT: 29.130 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025165.D
Acq: 16 Jul 2025 19:40

Instrument :
BNA_P
ClientSampleId :
OK-01-071425

Tgt Ion:276 Resp: 5567253

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.3	28.9
138	21.5	16.9	25.3