Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025323.D
Acq On : 07 Aug 2025 21:18
Operator : CG/JU
Sample : Q2788-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Quant Time: Aug 08 01:05:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.807	152	259750	20.000	ng		0.00
21) Naphthalene-d8	10.578	136	1090785	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	700429	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1364961	20.000	ng		0.00
76) Chrysene-d12	21.660	240	1226410	20.000	ng		0.00
86) Perylene-d12	25.048	264	1359401	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	165871	10.271	ng		0.00
7) Phenol-d6	6.966	99	212876	10.016	ng		0.00
23) Nitrobenzene-d5	8.937	82	131552	6.682	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	76588	10.961	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	341265	6.730	ng		0.00
79) Terphenyl-d14	19.936	244	491163	7.564	ng		0.00
Target Compounds							Qvalue
26) 2-Nitrophenol	9.690	139	47	3.644	ng	#	1
32) Benzoic acid	9.849	122	201	5.974	ng	#	1
48) 2-Nitroaniline	13.478	65	267	2.986	ng	#	39
49) Acenaphthylene	14.142	152	132528	2.018	ng		98
57) 2,4-Dinitrotoluene	14.801	165	451	3.284	ng	#	44
65) 4,6-Dinitro-2-methylph...	15.536	198	41	4.842	ng	#	1
71) Phenanthrene	17.260	178	637150	8.523	ng		99
72) Anthracene	17.348	178	302113	4.008	ng		99
75) Fluoranthene	19.348	202	1016556	11.746	ng		98
78) Pyrene	19.719	202	1290544	15.824	ng		100
81) Benzo(a)anthracene	21.642	228	647725	7.948	ng		95
83) Chrysene	21.713	228	609063	8.057	ng		97
87) Indeno(1,2,3-cd)pyrene	28.900	276	359476	3.689	ng	#	85
88) Benzo(b)fluoranthene	23.965	252	686717	8.439	ng	#	93
89) Benzo(k)fluoranthene	23.965	252	686717	8.513	ng	#	93
90) Benzo(a)pyrene	24.883	252	597070	7.619	ng	#	95
92) Benzo(g,h,i)perylene	30.053	276	357322	4.562	ng		94

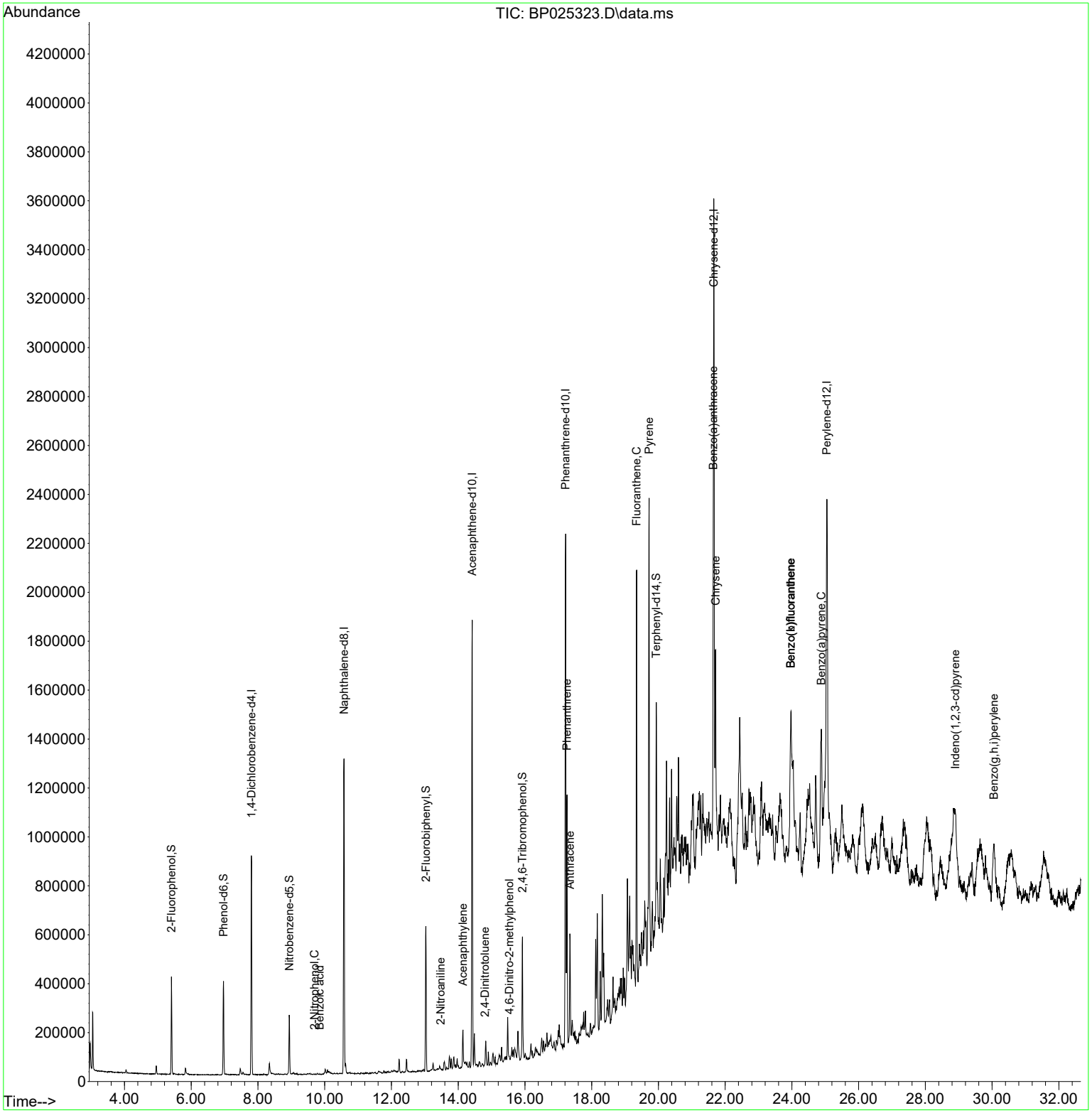
(#) = qualifier out of range (m) = manual integration (+) = signals summed

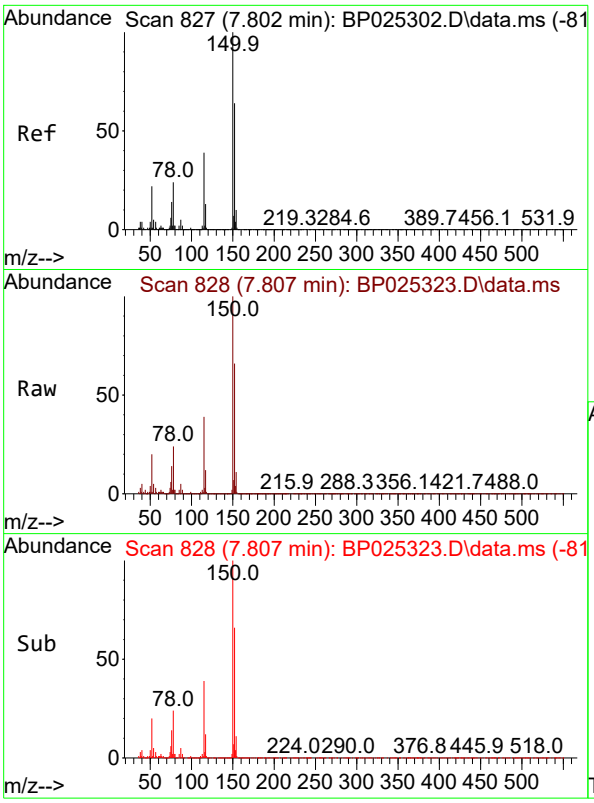
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025323.D
Acq On : 07 Aug 2025 21:18
Operator : CG/JU
Sample : Q2788-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Quant Time: Aug 08 01:05:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration



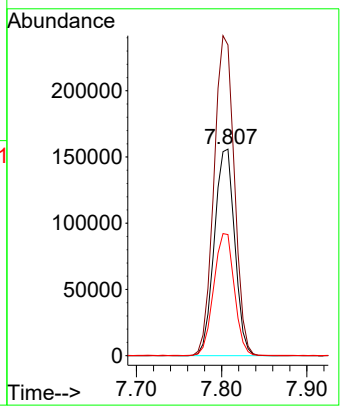


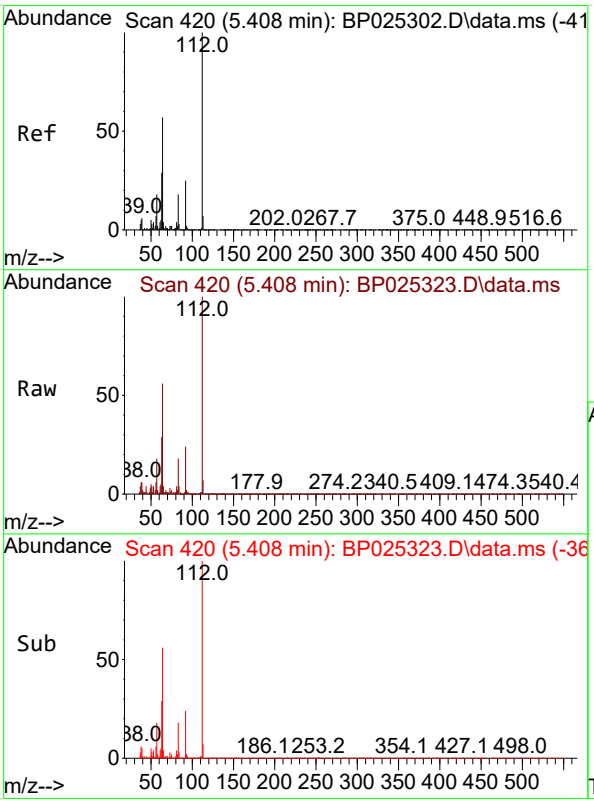
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 8
Delta R.T. 0.005 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:152 Resp: 259750

Ion	Ratio	Lower	Upper
152	100		
150	150.5	125.1	187.7
115	58.6	48.4	72.6

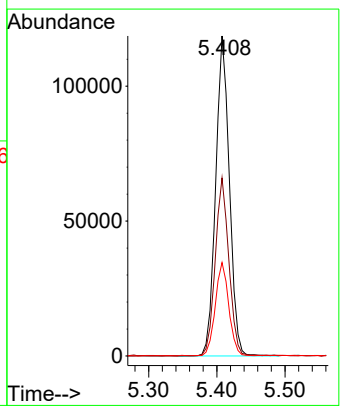


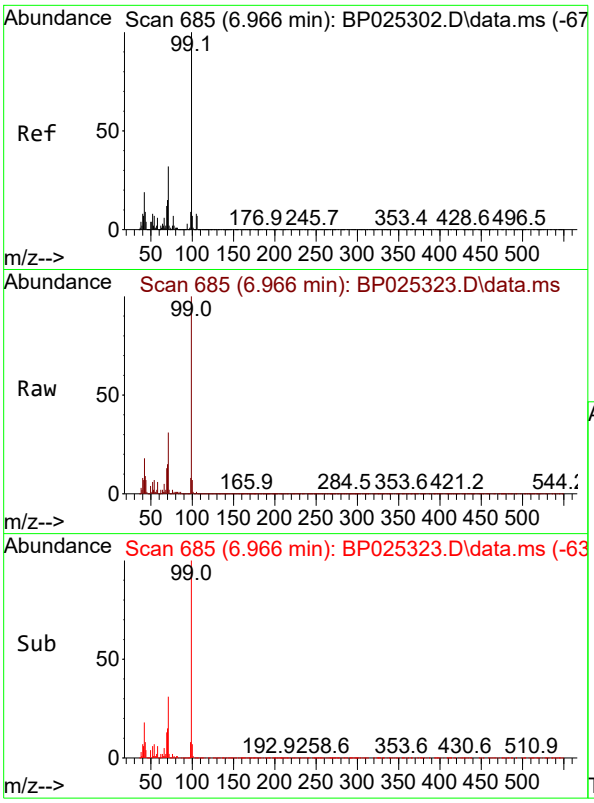


#5
2-Fluorophenol
Concen: 10.271 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:112 Resp: 165871

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.3	67.9
63	29.2	23.0	34.6



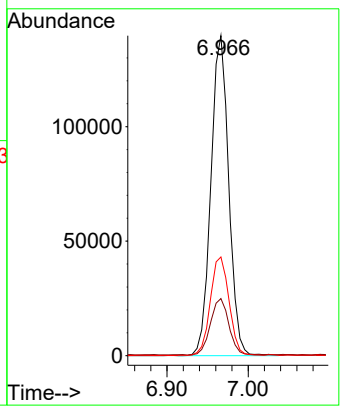


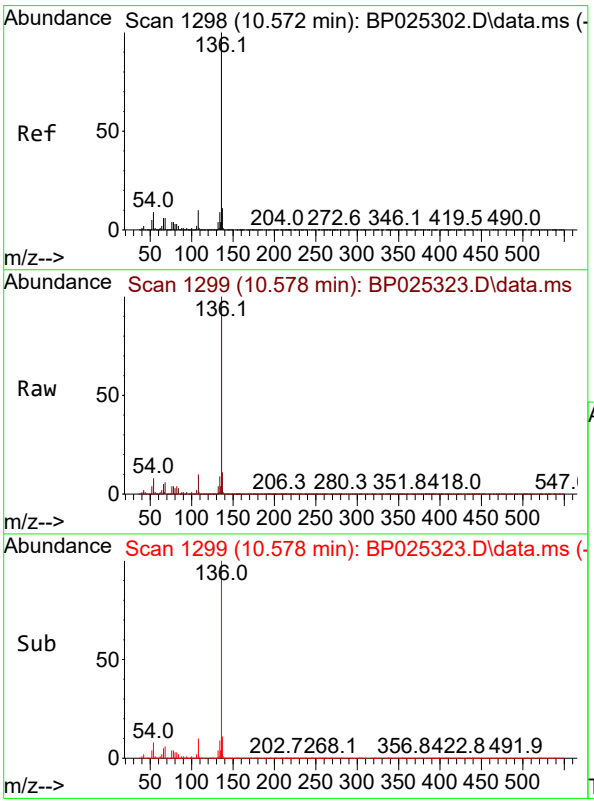
#7
Phenol-d6
Concen: 10.016 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion: 99 Resp: 212876

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.6
71	30.9	25.5	38.3

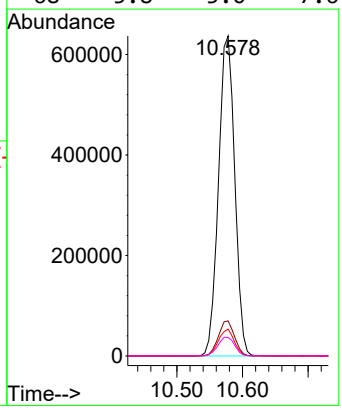


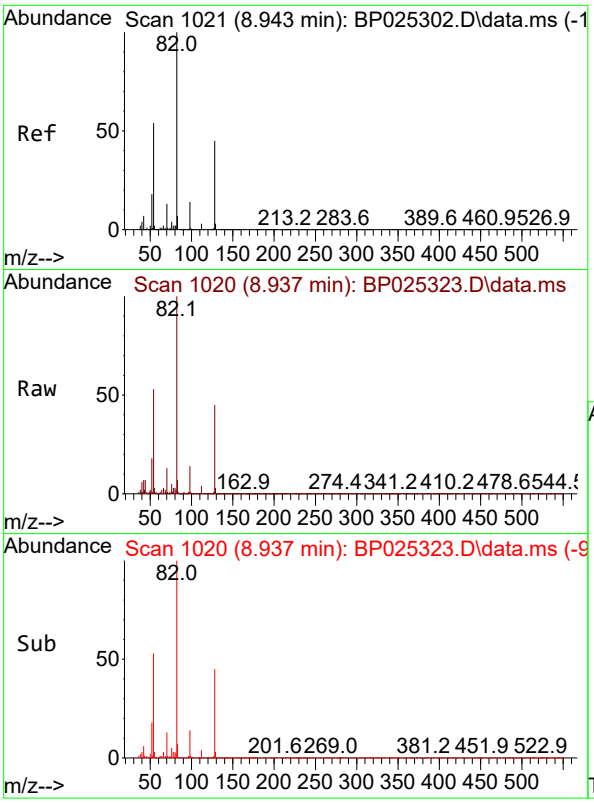


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:136 Resp: 1090785

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	7.0	10.6
68	5.8	5.0	7.6



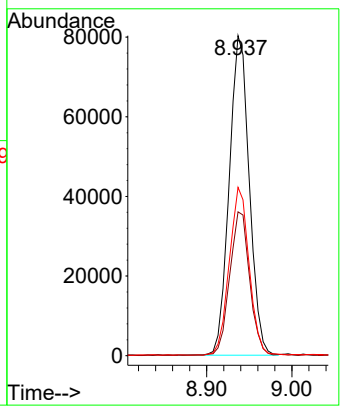


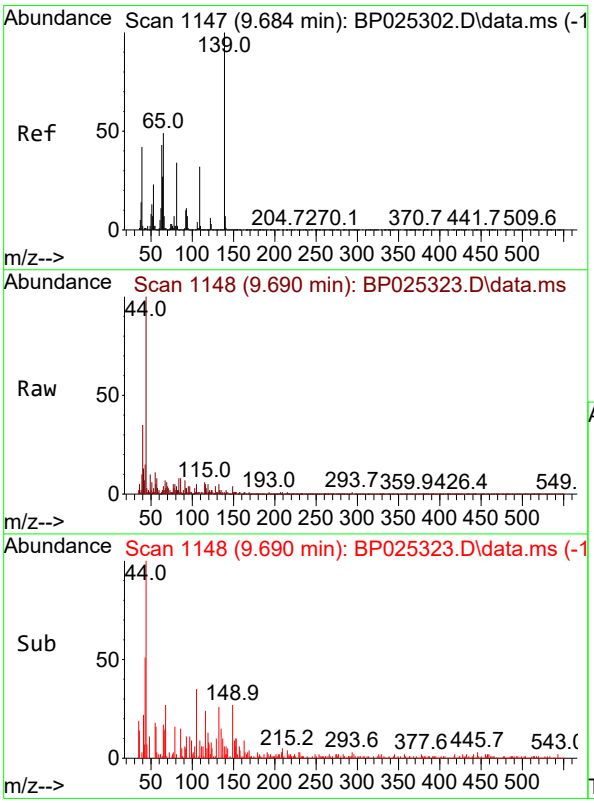
#23
Nitrobenzene-d5
Concen: 6.682 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion: 82 Resp: 131552

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.4	53.2
54	52.6	42.9	64.3

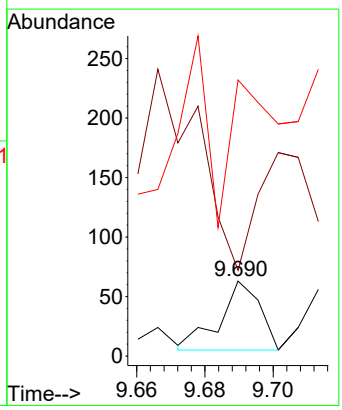


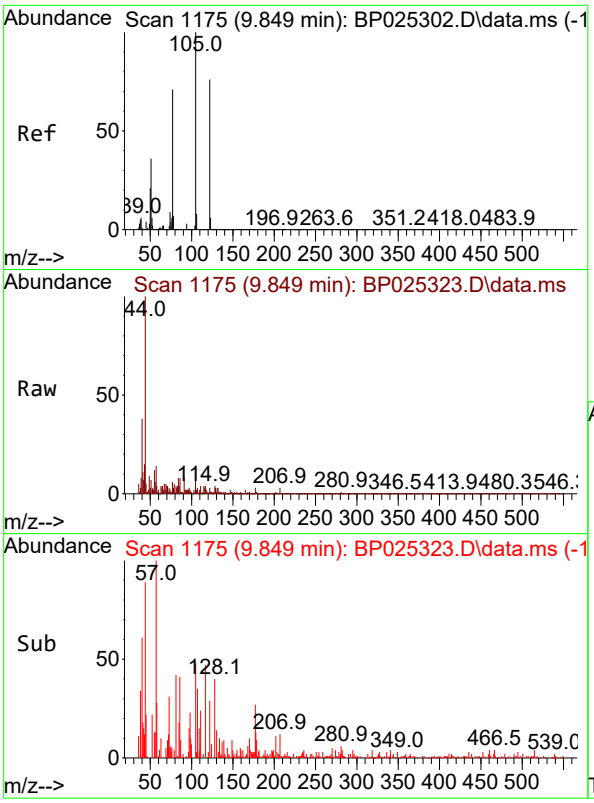


#26
2-Nitrophenol
Concen: 3.644 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:139 Resp: 47

Ion	Ratio	Lower	Upper
139	100		
109	114.3	25.2	37.8#
65	368.3	39.6	59.4#



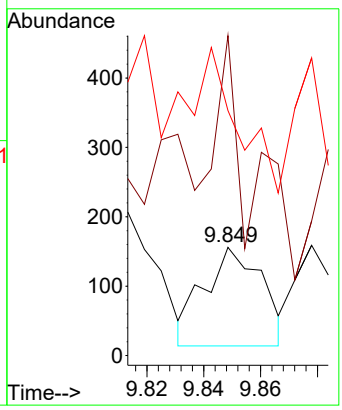


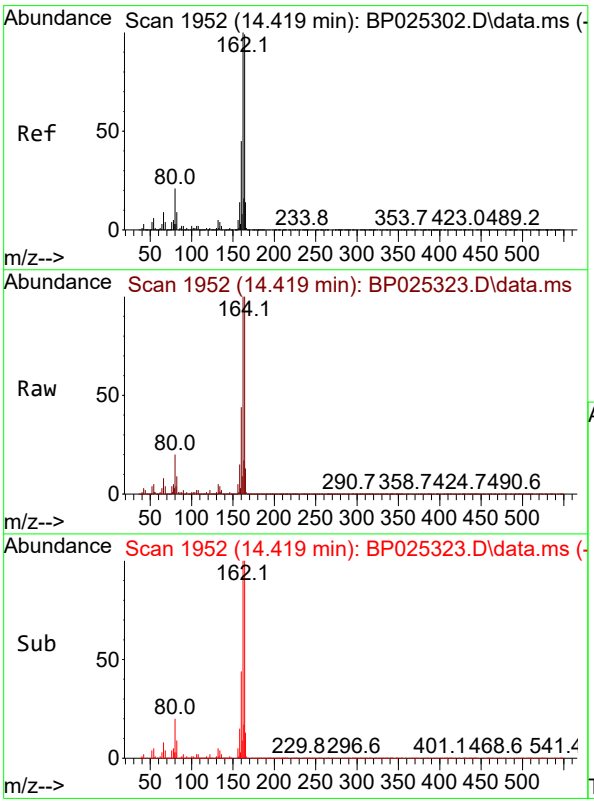
#32
Benzoic acid
Concen: 5.974 ng
RT: 9.849 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:122 Resp: 201

Ion	Ratio	Lower	Upper
122	100		
105	295.5	104.0	144.0#
77	226.3	71.8	111.8#

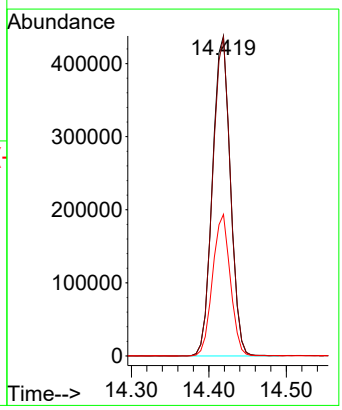


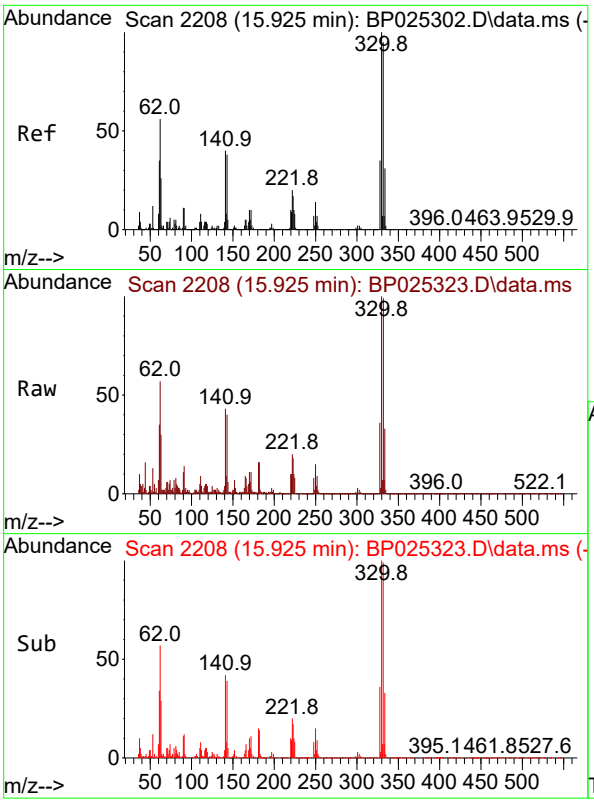


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:164 Resp: 700429

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	44.2	35.9	53.9



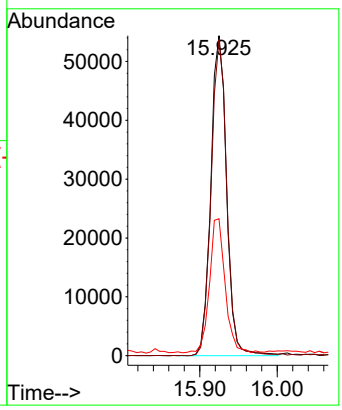


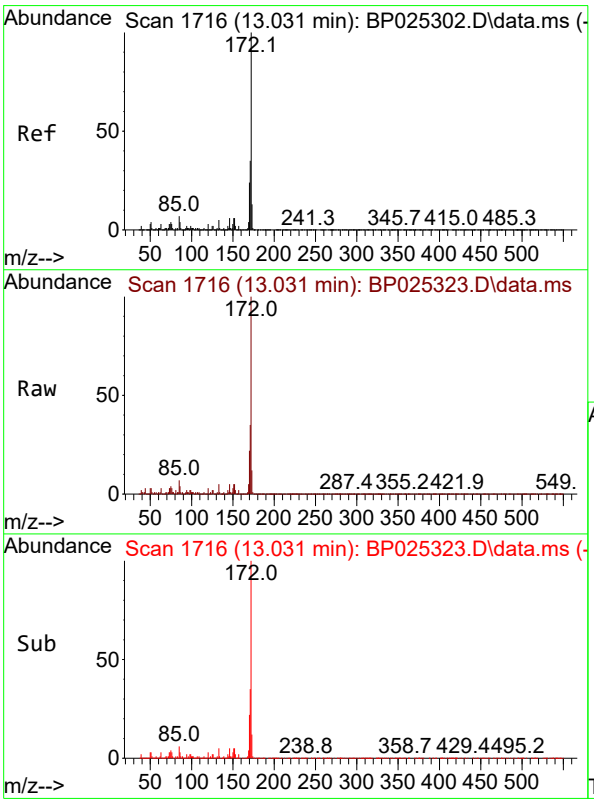
#42
2,4,6-Tribromophenol
Concen: 10.961 ng
RT: 15.925 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:330 Resp: 76588

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.0
141	41.8	31.7	47.5

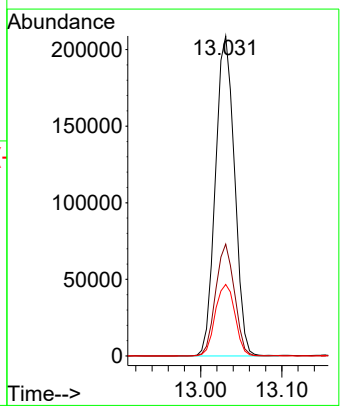


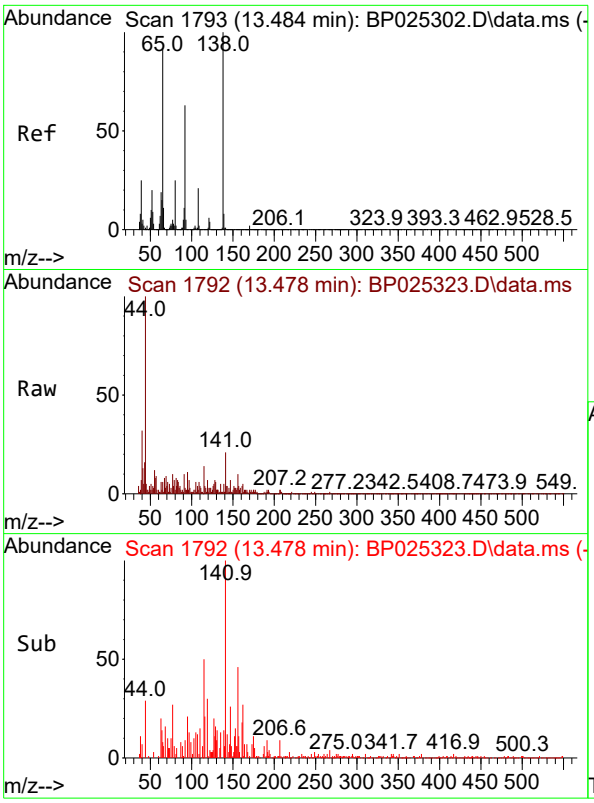


#45
2-Fluorobiphenyl
Concen: 6.730 ng
RT: 13.031 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:172 Resp: 341265

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	22.3	18.9	28.3



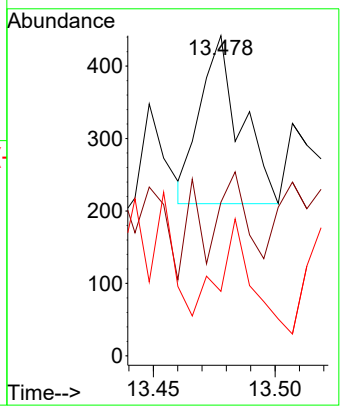


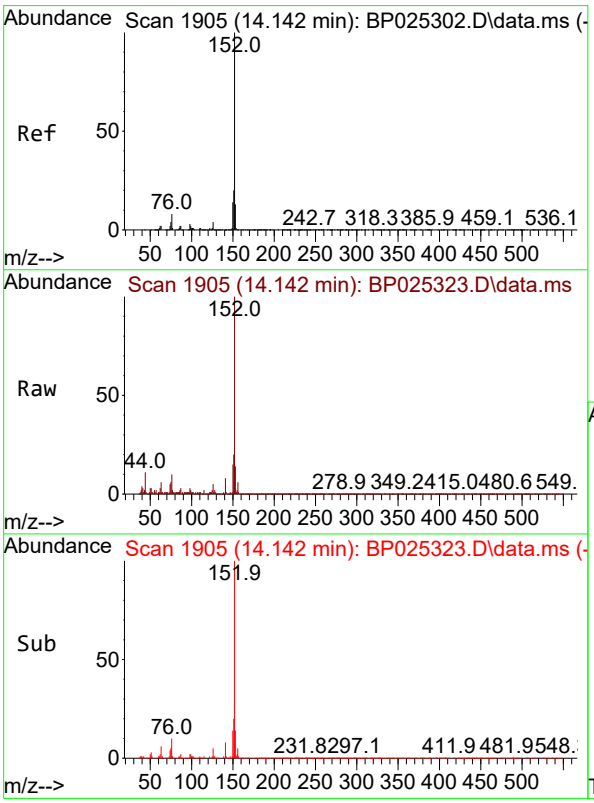
#48
2-Nitroaniline
Concen: 2.986 ng
RT: 13.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion: 65 Resp: 267

Ion	Ratio	Lower	Upper
65	100		
92	48.0	54.4	81.6#
138	20.1	87.0	130.4#

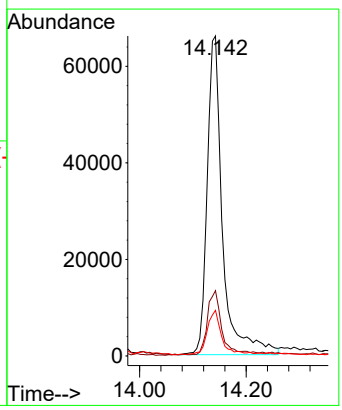


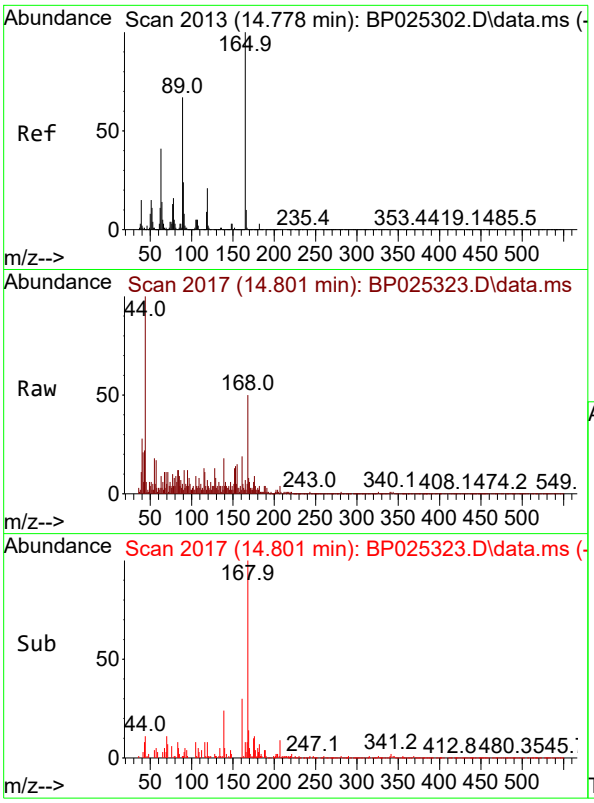


#49
Acenaphthylene
Concen: 2.018 ng
RT: 14.142 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:152 Resp: 132528

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	14.2	10.4	15.6



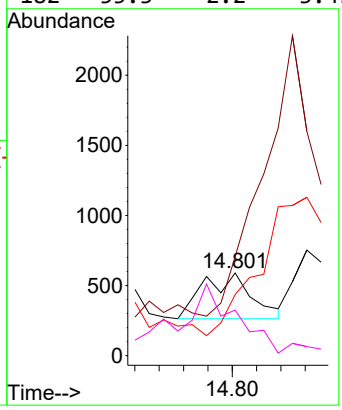


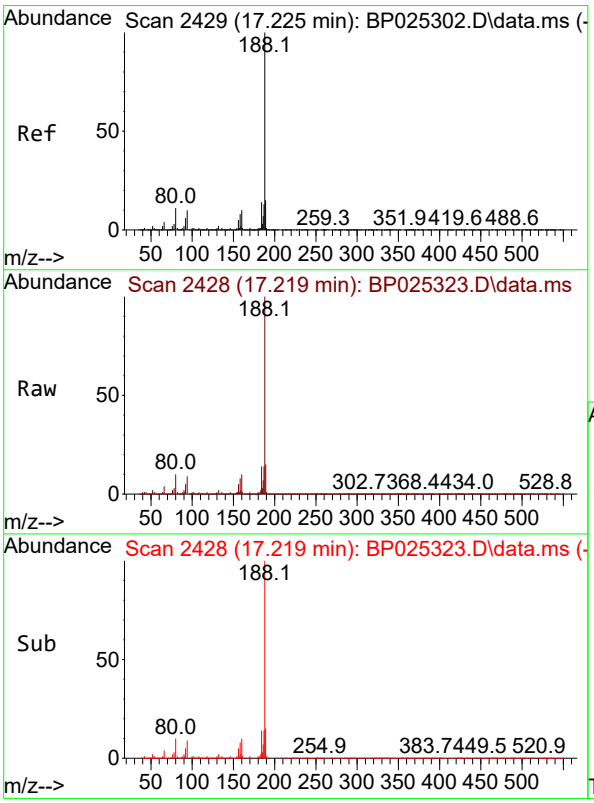
#57
2,4-Dinitrotoluene
Concen: 3.284 ng
RT: 14.801 min Scan# 2
Delta R.T. 0.023 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:165 Resp: 451

Ion	Ratio	Lower	Upper
165	100		
63	119.8	33.2	49.8#
89	73.9	53.5	80.3
182	55.3	2.2	3.4#

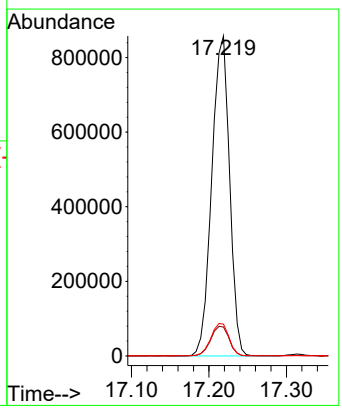


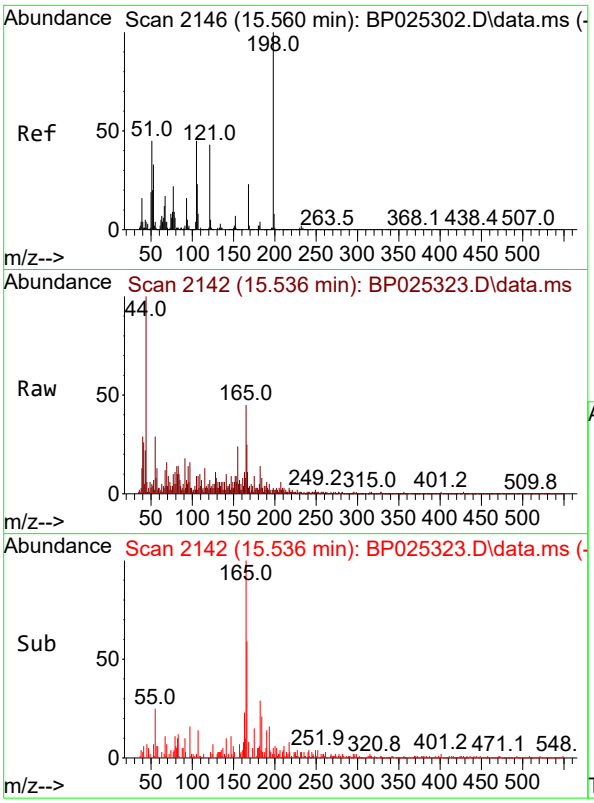


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:188 Resp: 1364961

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	10.0	8.5	12.7



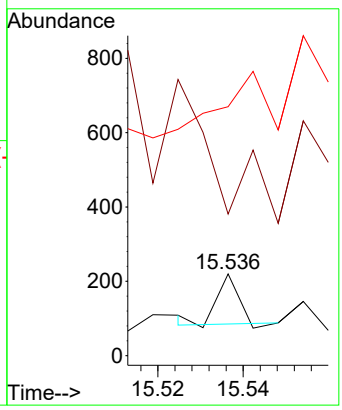


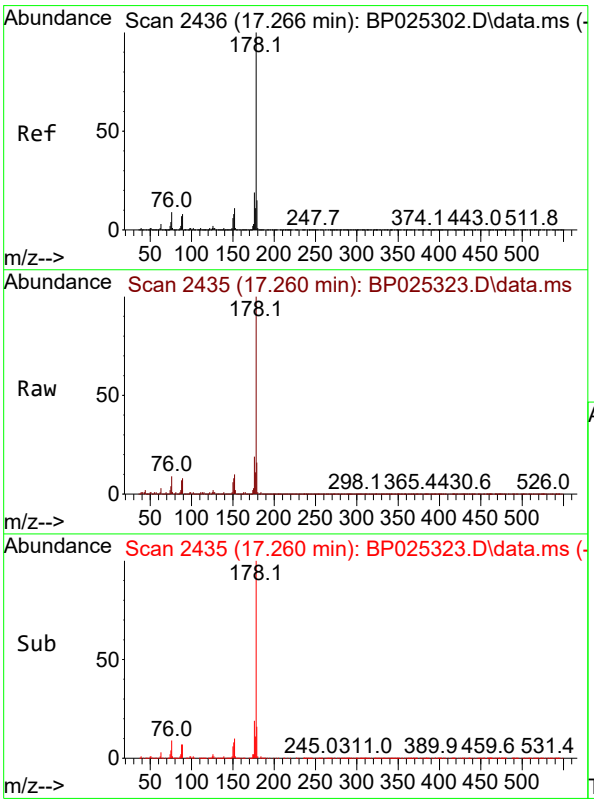
#65
4,6-Dinitro-2-methylphenol
Concen: 4.842 ng
RT: 15.536 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:198 Resp: 41

Ion	Ratio	Lower	Upper
198	100		
51	173.2	26.7	66.7#
105	304.5	25.6	65.6#

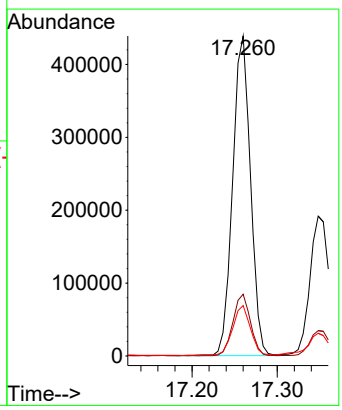


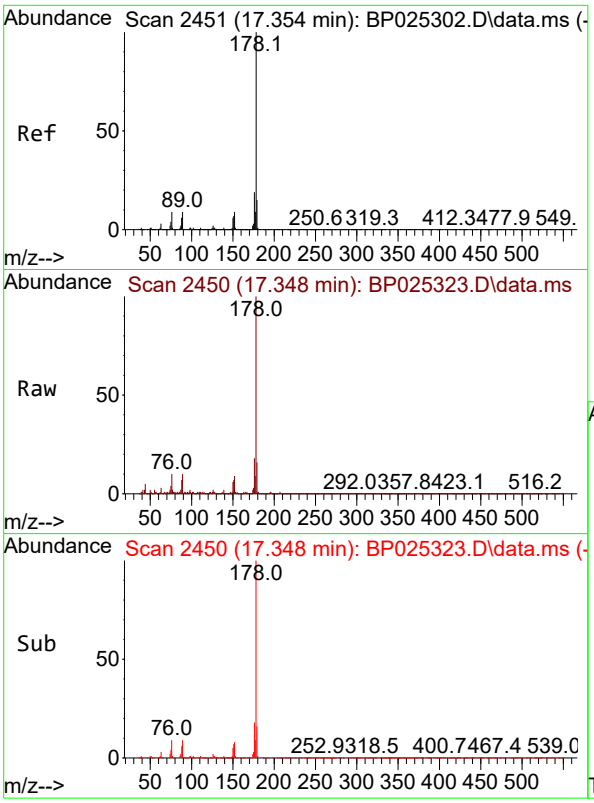


#71
Phenanthrene
Concen: 8.523 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:178 Resp: 637150

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.7	12.1	18.1



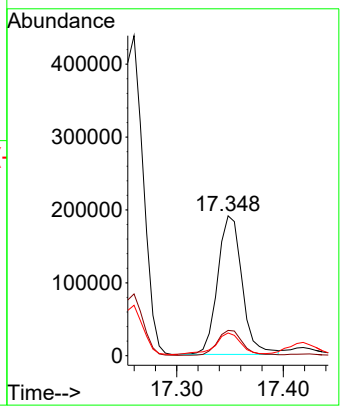


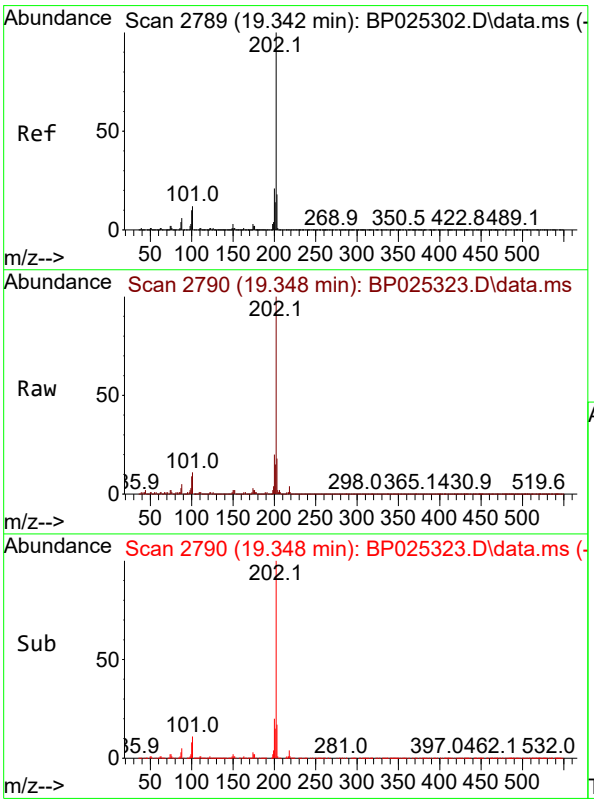
#72
Anthracene
Concen: 4.008 ng
RT: 17.348 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:178 Resp: 302113

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	16.3	12.3	18.5

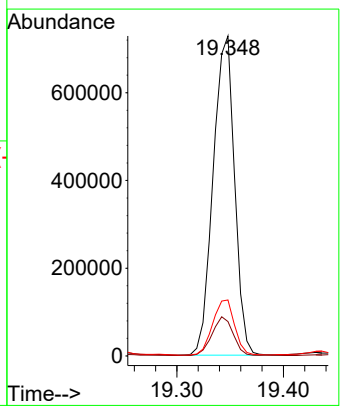


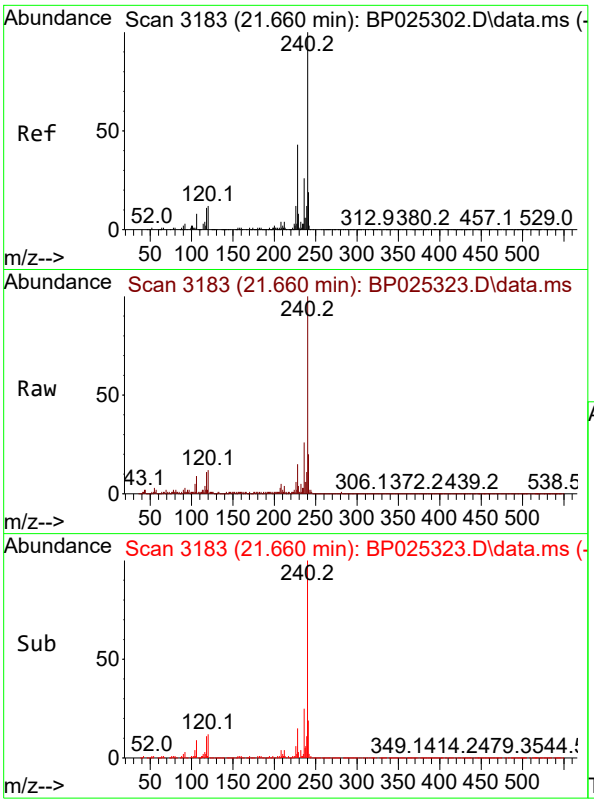


#75
Fluoranthene
Concen: 11.746 ng
RT: 19.348 min Scan# 2790
Delta R.T. 0.006 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:202 Resp: 1016556

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.5
203	17.5	0.0	37.6



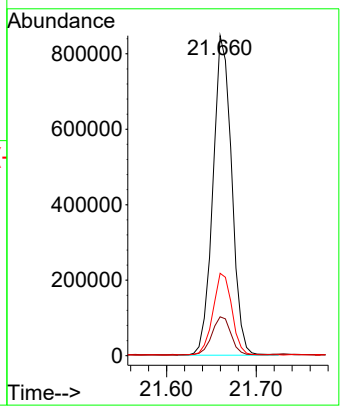


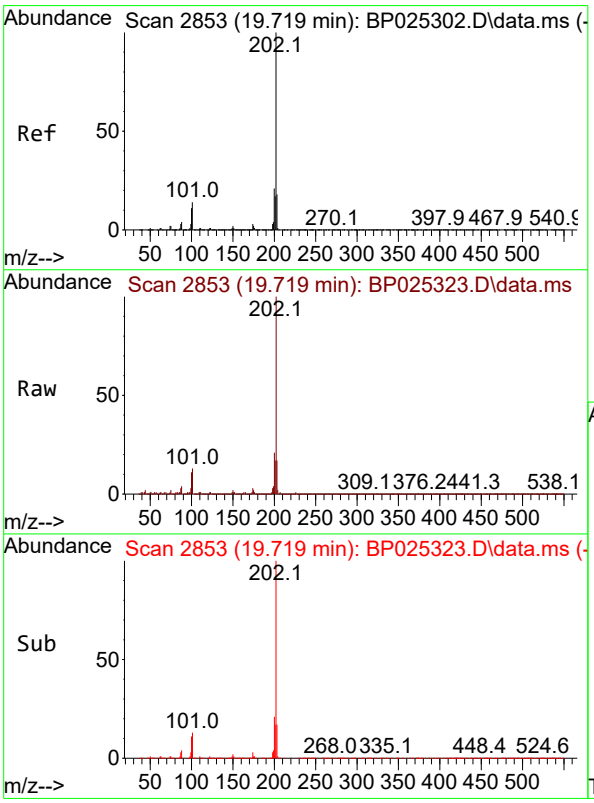
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:240 Resp: 1226410

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.6	14.4
236	25.8	20.4	30.6

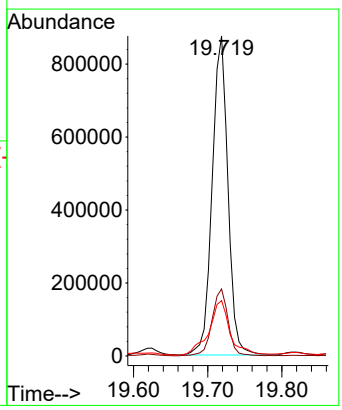


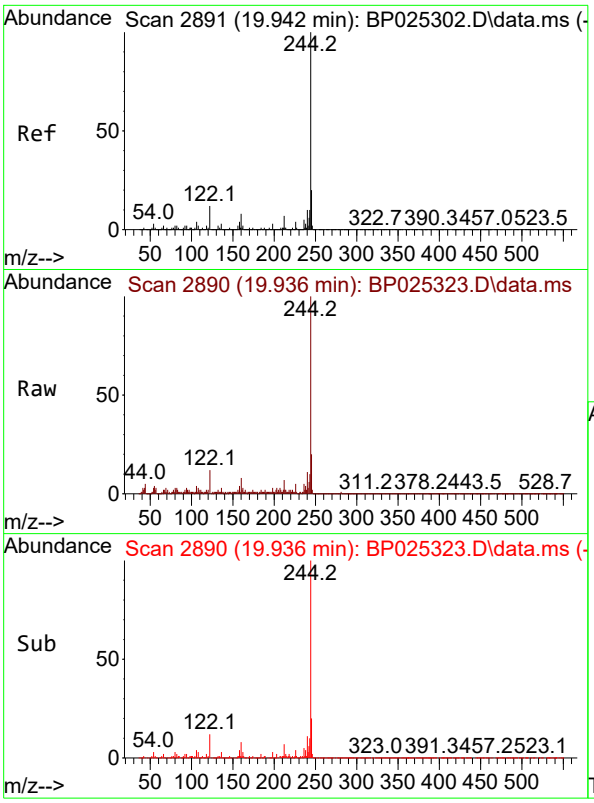


#78
Pyrene
Concen: 15.824 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:202 Resp: 1290544

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.3	14.1	21.1



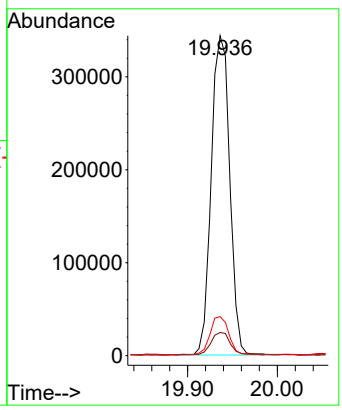


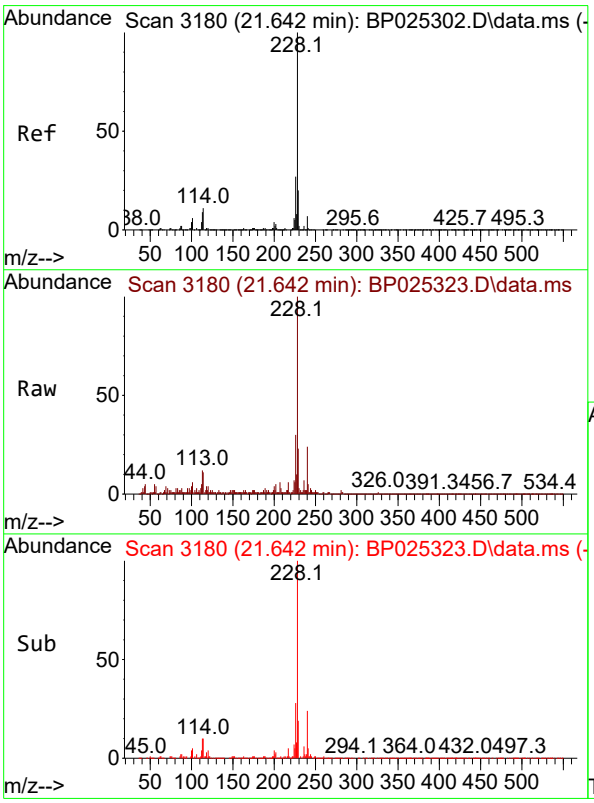
#79
Terphenyl-d14
Concen: 7.564 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:244 Resp: 491163

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.2	9.5	14.3

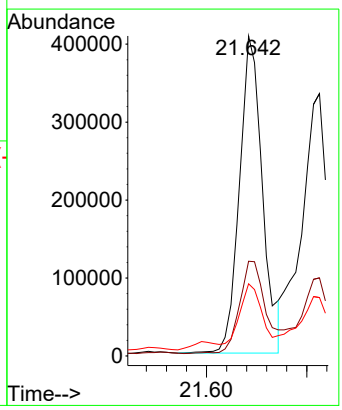


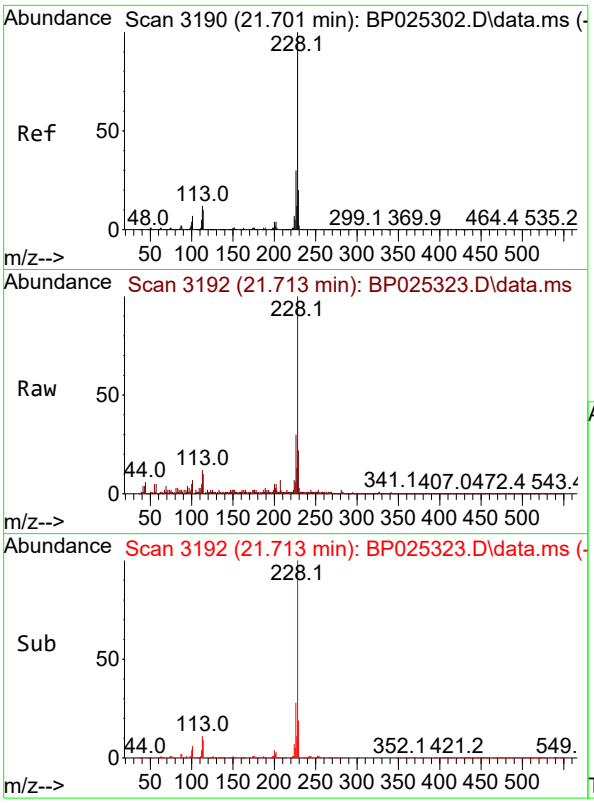


#81
Benzo(a)anthracene
Concen: 7.948 ng
RT: 21.642 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:228 Resp: 647725

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.8	32.8
229	22.5	16.0	24.0



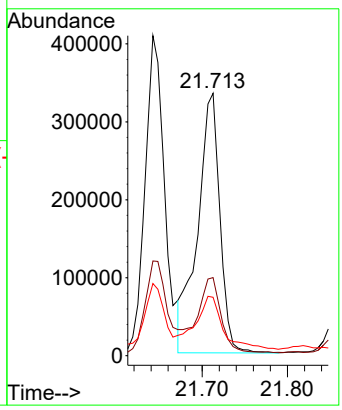


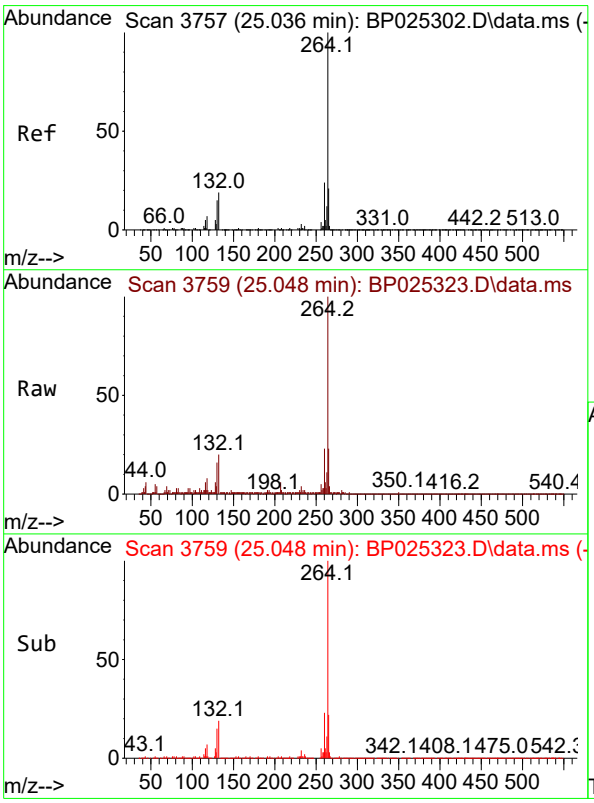
#83
Chrysene
Concen: 8.057 ng
RT: 21.713 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:228 Resp: 609063

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	22.3	15.9	23.9

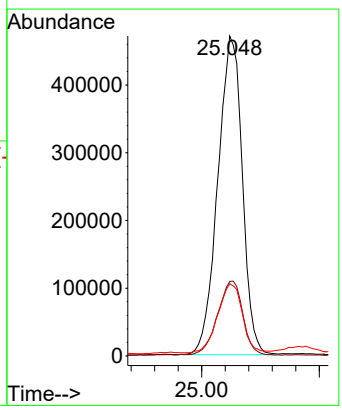


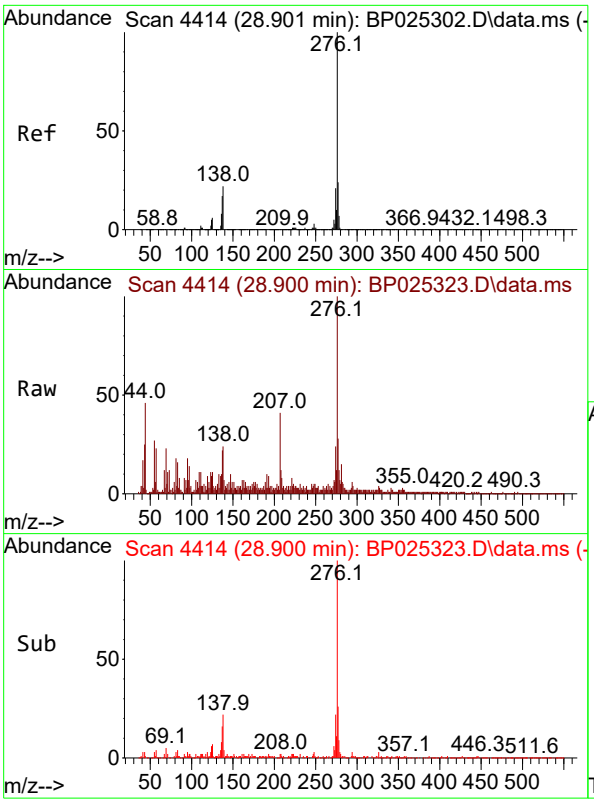


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.048 min Scan# 3759
Delta R.T. 0.012 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:264 Resp: 1359401

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.6	17.1	25.7



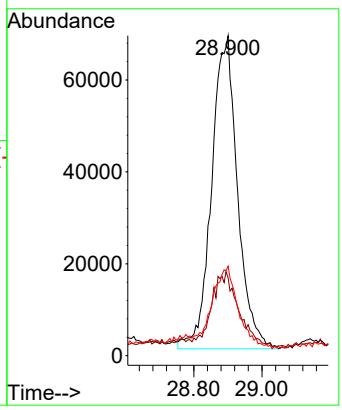


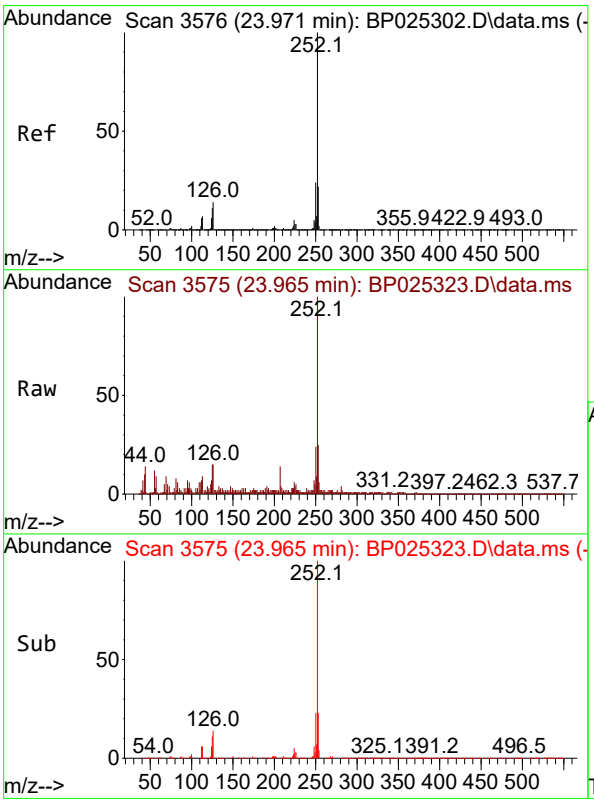
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.689 ng
RT: 28.900 min Scan# 4
Delta R.T. -0.001 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:276 Resp: 359476

Ion	Ratio	Lower	Upper
276	100		
138	10.4	14.6	22.0#
277	26.9	16.8	25.2#

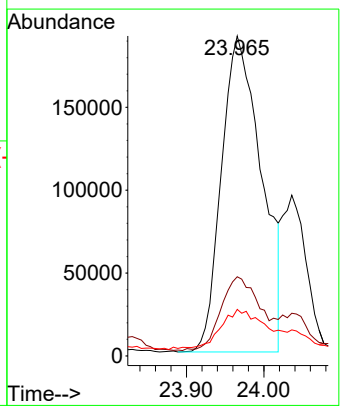


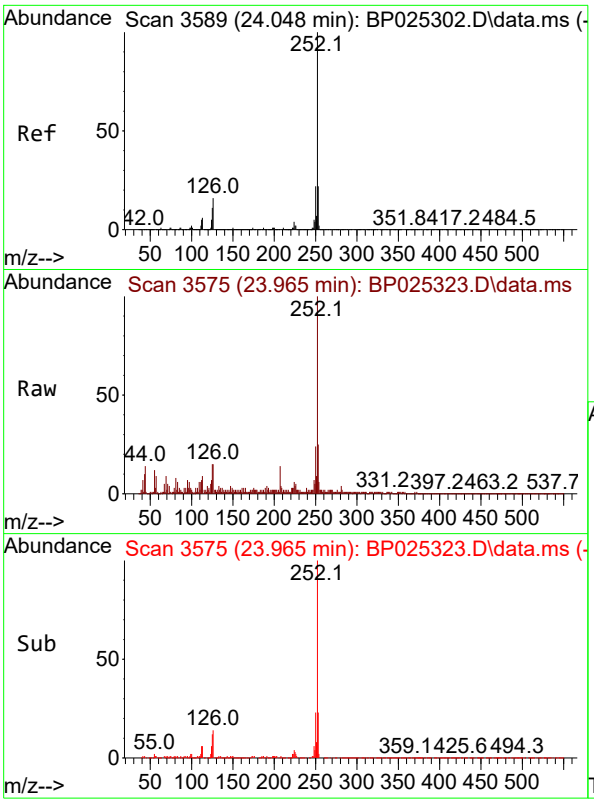


#88
Benzo(b)fluoranthene
Concen: 8.439 ng
RT: 23.965 min Scan# 3575
Delta R.T. -0.006 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:252 Resp: 686717

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	14.5	8.5	12.7#



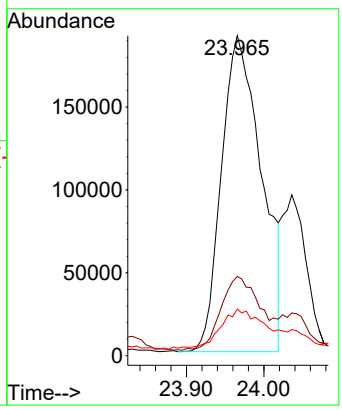


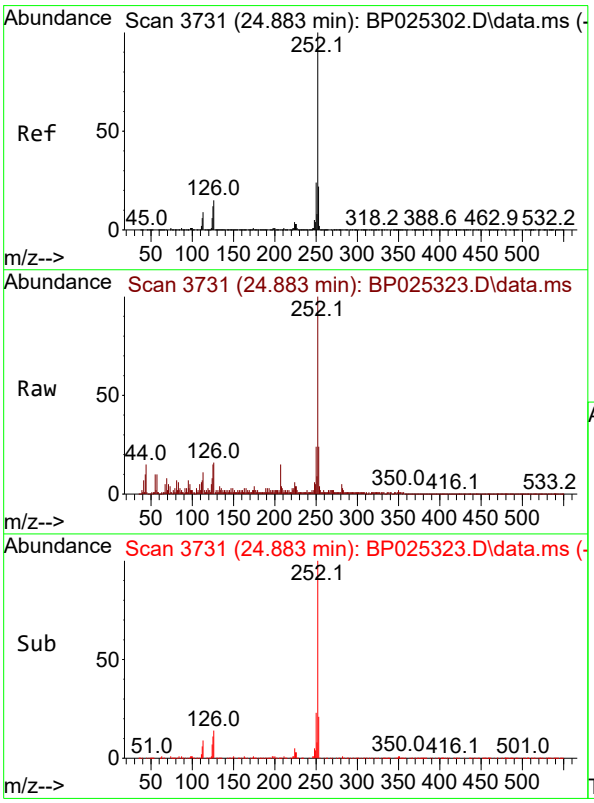
#89
Benzo(k)fluoranthene
Concen: 8.513 ng
RT: 23.965 min Scan# 3
Delta R.T. -0.083 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:252 Resp: 686717

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	14.5	8.5	12.7#

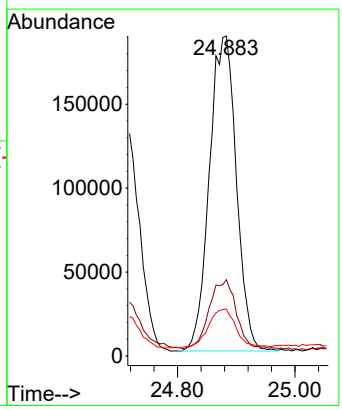


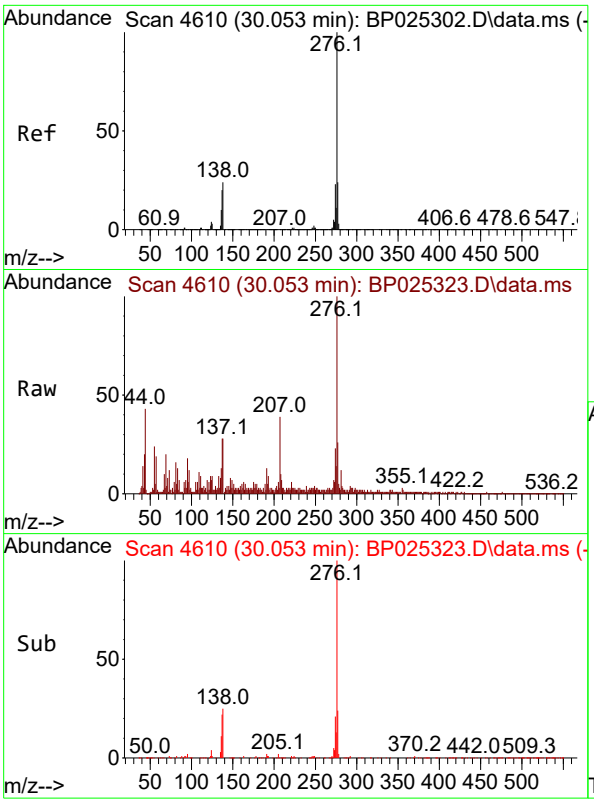


#90
Benzo(a)pyrene
Concen: 7.619 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Tgt Ion:252 Resp: 597070

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	14.7	9.4	14.0#





#92
Benzo(g,h,i)perylene
Concen: 4.562 ng
RT: 30.053 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025323.D
Acq: 07 Aug 2025 21:18

Instrument :
BNA_P
ClientSampleId :
OK-01-08062025

Tgt Ion:276 Resp: 357322

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.3	28.9
138	27.7	19.1	28.7