Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025216.D
Acq On : 22 Jul 2025 15:59
Operator : CG/JU
Sample : Q2638-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 22 16:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	1303058	20.000	ng		0.01
21) Naphthalene-d8	10.184	136	4916558	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	2932051	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	5293009	20.000	ng		0.00
76) Chrysene-d12	21.336	240	5041029	20.000	ng		0.01
86) Perylene-d12	24.483	264	5921704	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.119	112	4684975	60.749	ng		0.02
7) Phenol-d6	6.649	99	5663577	59.294	ng		0.01
23) Nitrobenzene-d5	8.566	82	3563531	40.280	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	2632808	60.910	ng		0.00
45) 2-Fluorobiphenyl	12.684	172	8346644	40.133	ng		0.00
79) Terphenyl-d14	19.666	244	10716235	41.964	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	13.795	152	636941	2.373	ng		100
63) Azobenzene	15.478	77	421734	2.504	ng	#	1
71) Phenanthrene	16.930	178	617965	2.165	ng		99
75) Fluoranthene	19.042	202	2014194	5.995	ng		100
78) Pyrene	19.419	202	2453628	7.894	ng		98
81) Benzo(a)anthracene	21.377	228	1911912	6.006	ng		94
83) Chrysene	21.377	228	1911912	6.434	ng		97
87) Indeno(1,2,3-cd)pyrene	28.000	276	1532684	3.542	ng	#	94
88) Benzo(b)fluoranthene	23.489	252	2488989	7.343	ng	#	95
89) Benzo(k)fluoranthene	23.489	252	2488989	7.438	ng	#	95
90) Benzo(a)pyrene	24.330	252	2132127	6.447	ng		96
92) Benzo(g,h,i)perylene	29.089	276	1495248	4.310	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
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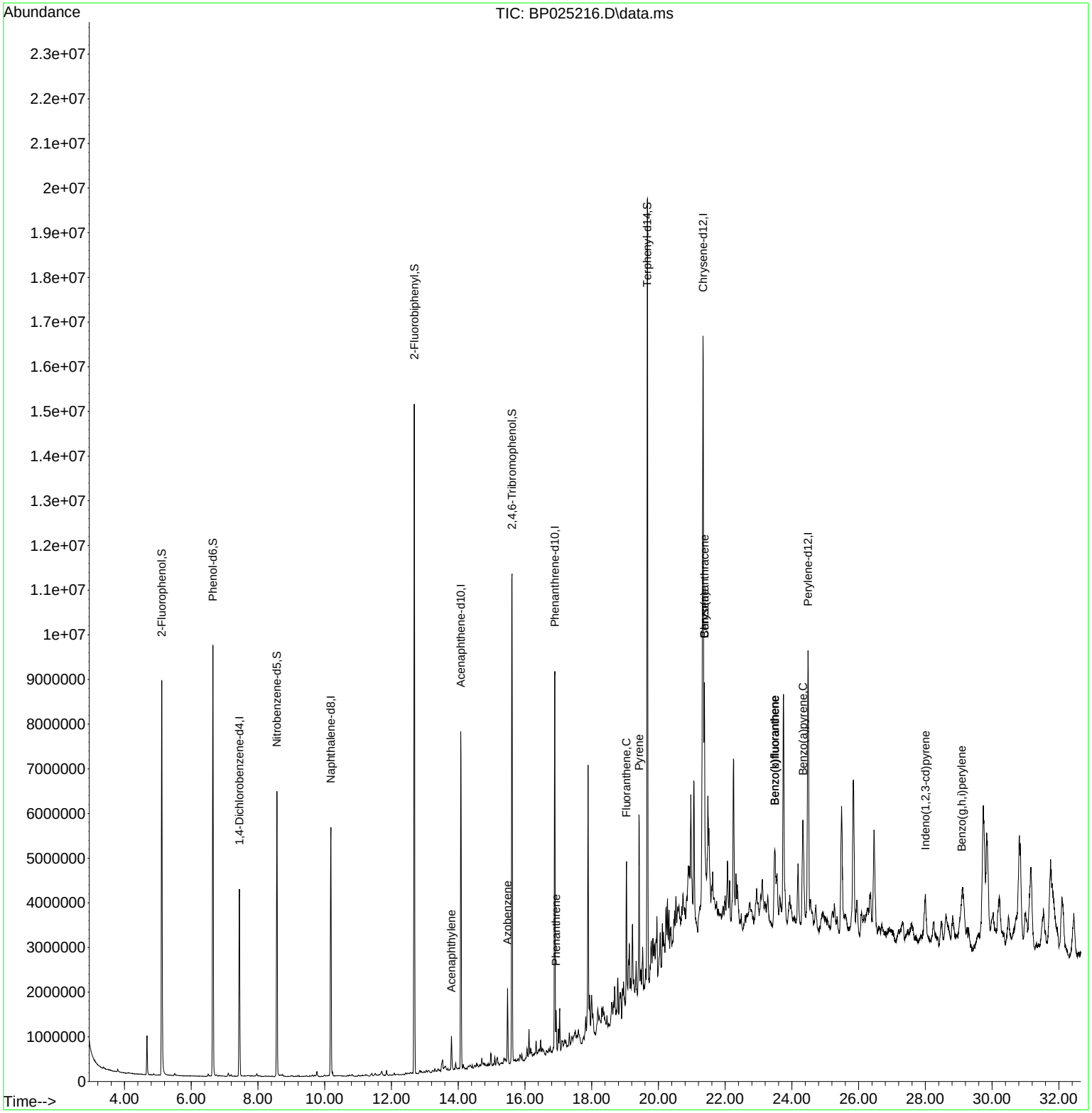
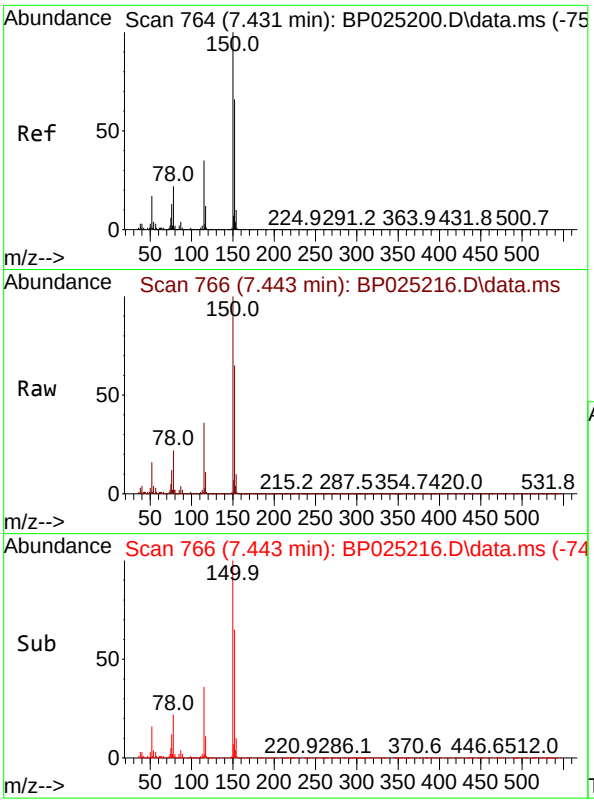
Operator : CG/JU
Sample : Q2638-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 22 16:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



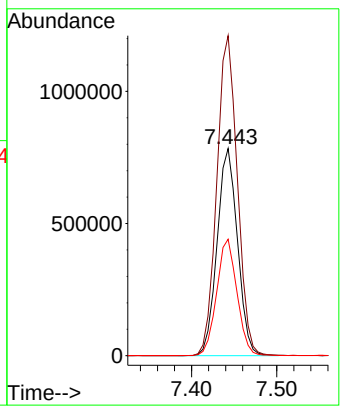


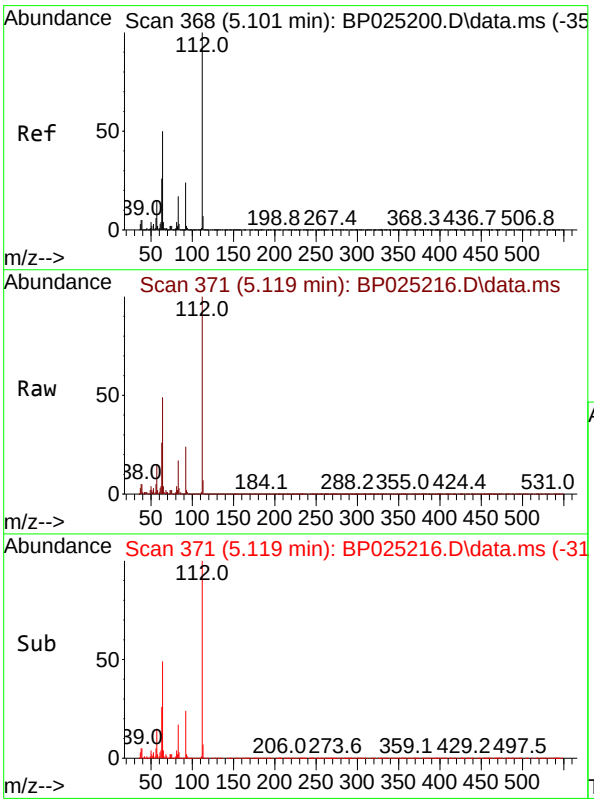
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. 0.012 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 1303058

Ion	Ratio	Lower	Upper
152	100		
150	154.4	121.9	182.9
115	56.2	43.0	64.6

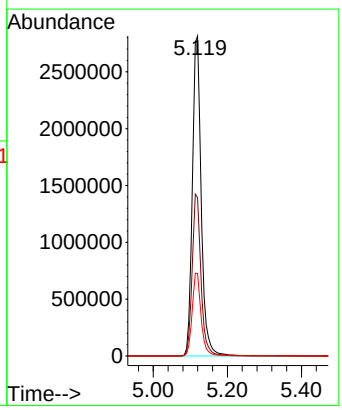


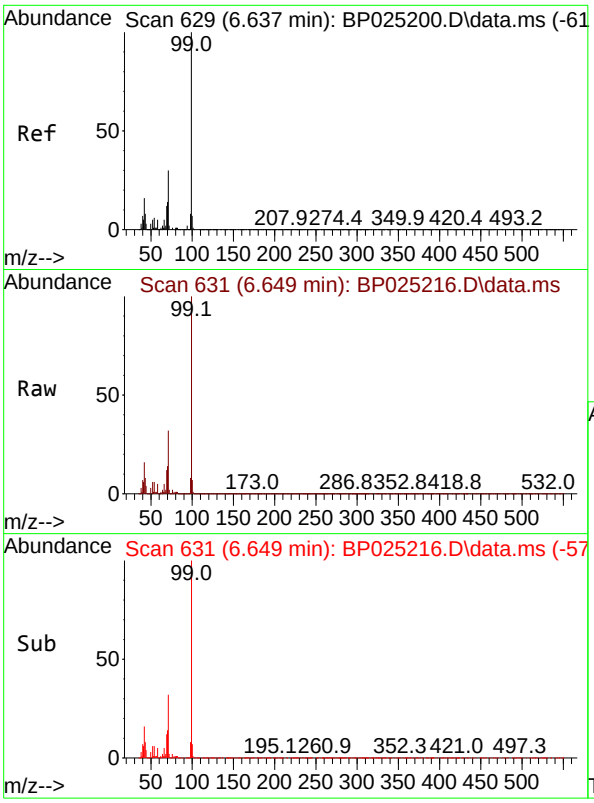


#5
2-Fluorophenol
Concen: 60.749 ng
RT: 5.119 min Scan# 371
Delta R.T. 0.018 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:112 Resp: 4684975

Ion	Ratio	Lower	Upper
112	100		
64	49.5	39.8	59.6
63	25.8	20.5	30.7



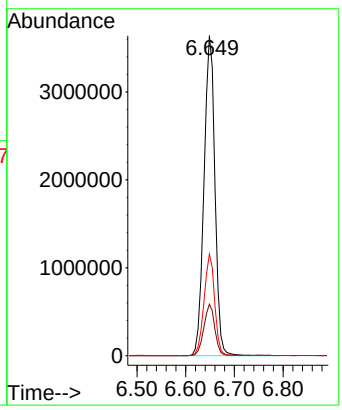


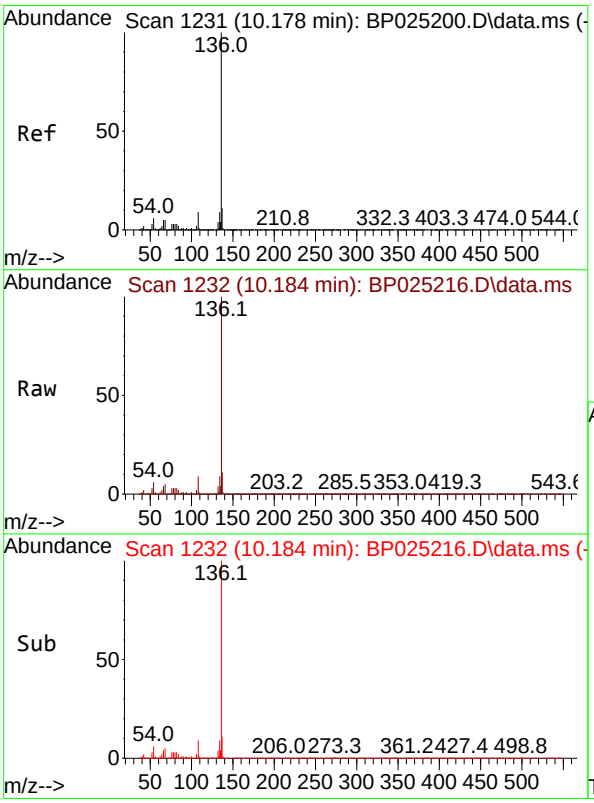
#7
Phenol-d6
Concen: 59.294 ng
RT: 6.649 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 5663577

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.5	18.7
71	31.7	24.2	36.2

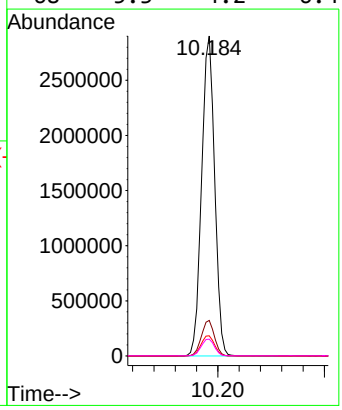


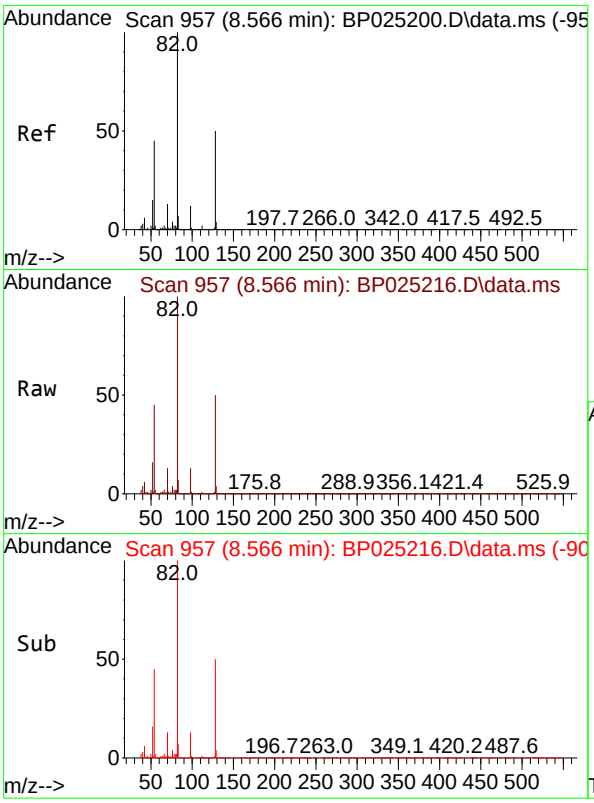


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:136 Resp: 4916558

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.3	5.1	7.7
68	5.3	4.2	6.4



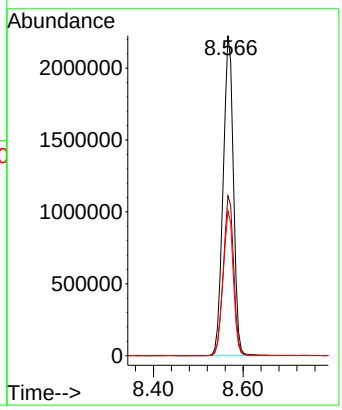


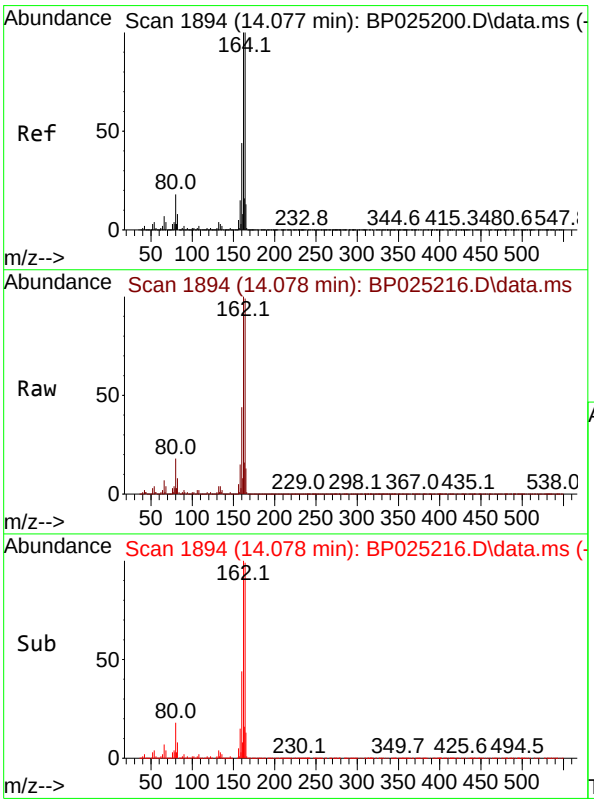
#23
Nitrobenzene-d5
Concen: 40.280 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 3563531

Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.2	60.4
54	45.2	36.3	54.5

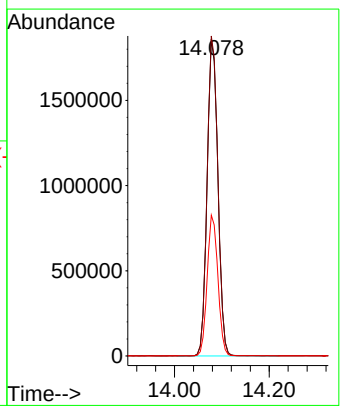


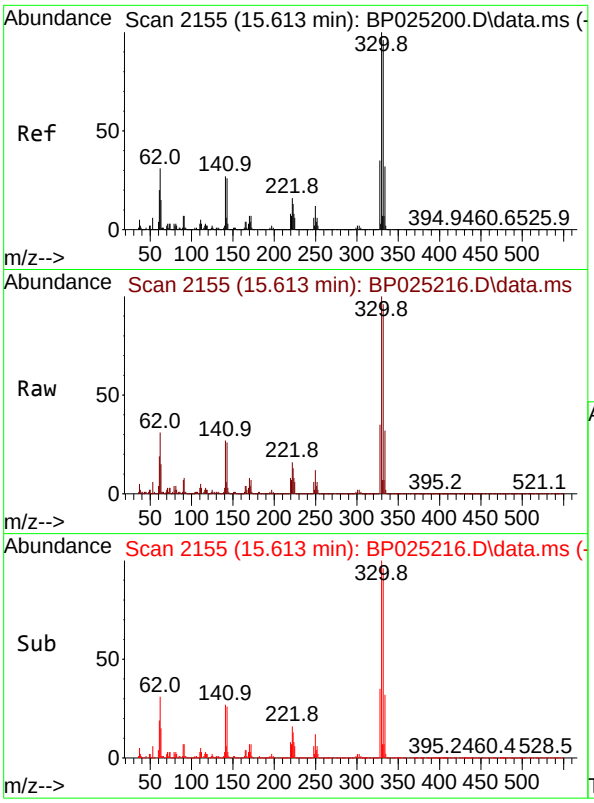


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:164 Resp: 2932051

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.4	35.7	53.5



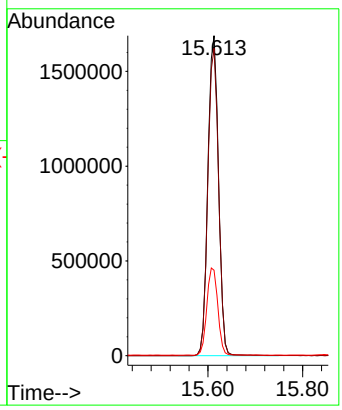


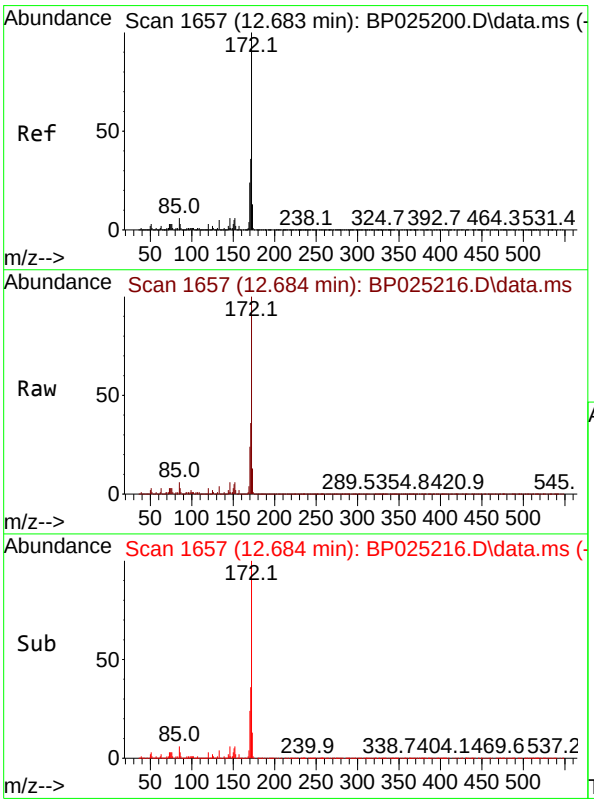
#42
2,4,6-Tribromophenol
Concen: 60.910 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 2632808

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	28.1	22.4	33.6

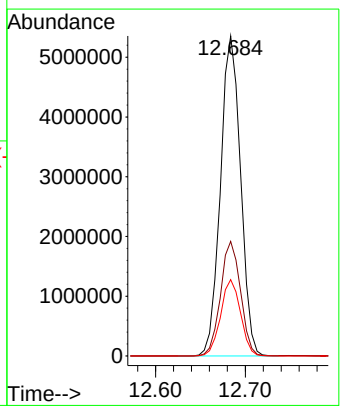


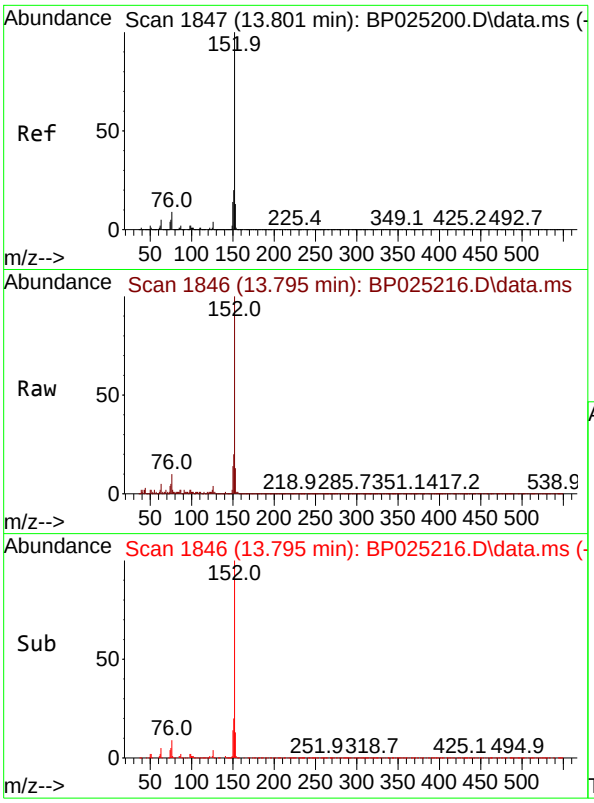


#45
2-Fluorobiphenyl
Concen: 40.133 ng
RT: 12.684 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:172 Resp: 8346644

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.9	19.2	28.8



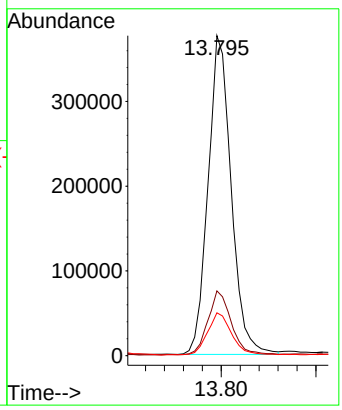


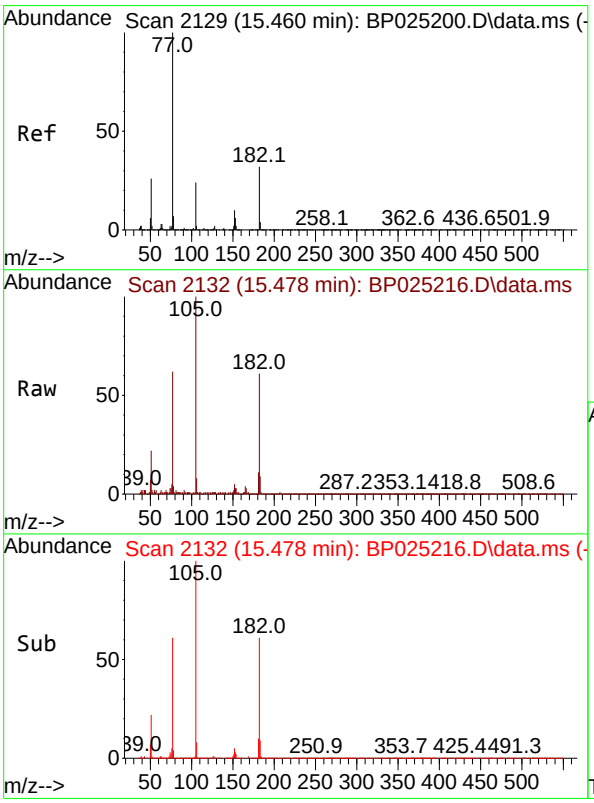
#49
Acenaphthylene
Concen: 2.373 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 636941

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.4	10.6	15.8

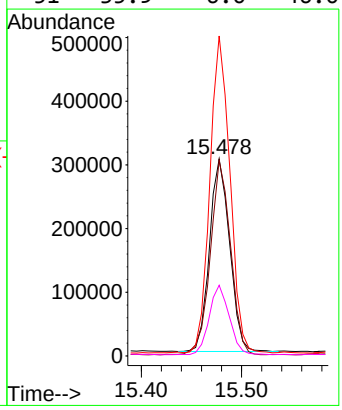


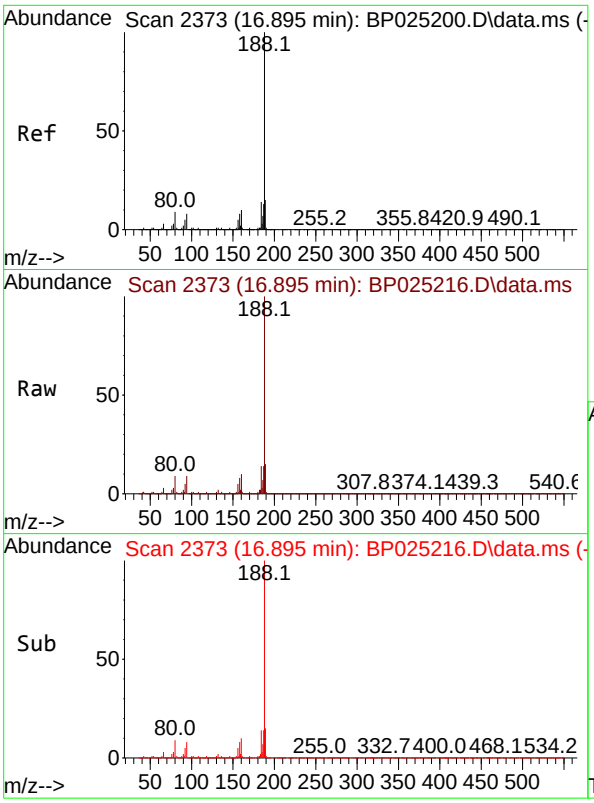


#63
Azobenzene
Concen: 2.504 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.018 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion: 77 Resp: 421734

Ion	Ratio	Lower	Upper
77	100		
182	99.3	12.0	52.0#
105	162.5	3.6	43.6#
51	35.9	6.0	46.0



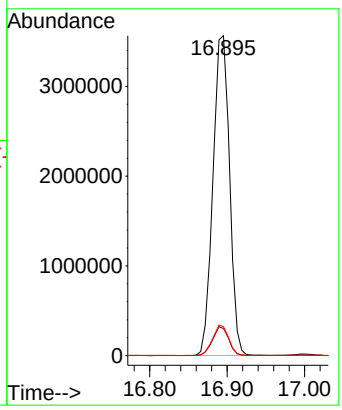


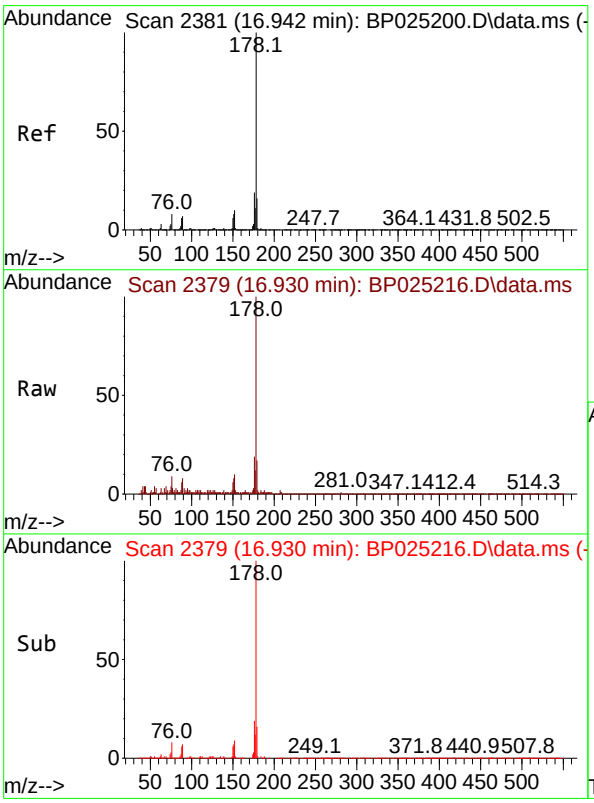
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 5293009

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.0	7.3	10.9

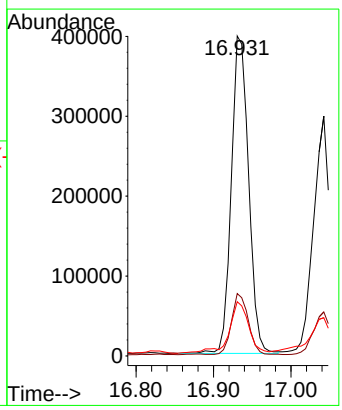


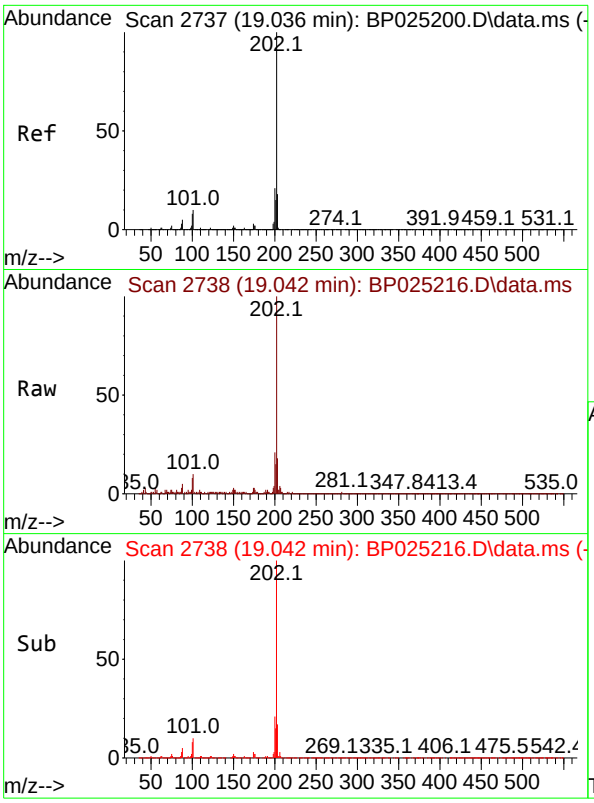


#71
Phenanthrene
Concen: 2.165 ng
RT: 16.930 min Scan# 2379
Delta R.T. -0.011 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:178 Resp: 617965

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.9	12.5	18.7



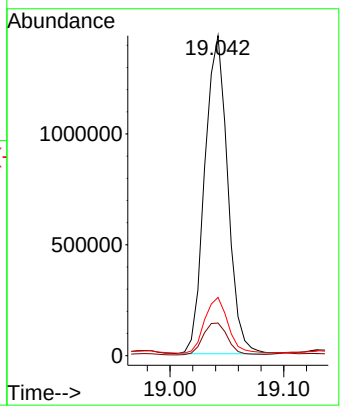


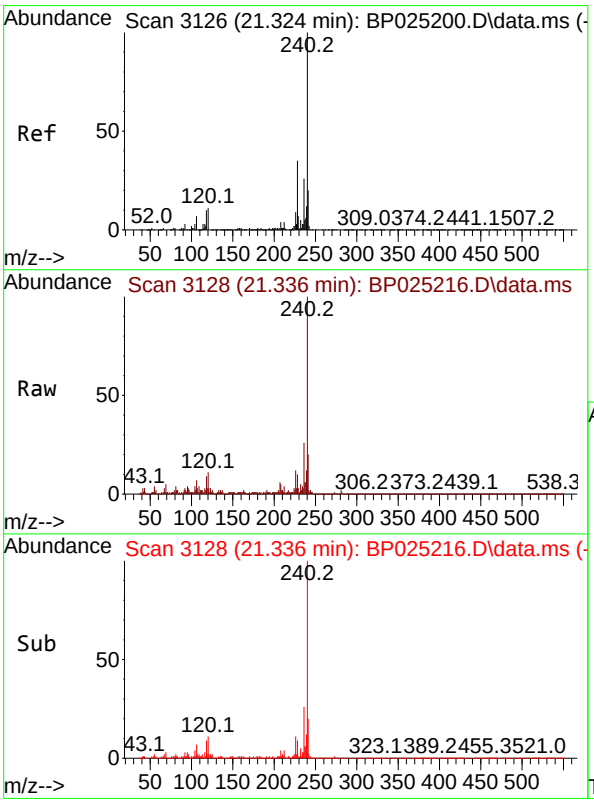
#75
Fluoranthene
Concen: 5.995 ng
RT: 19.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 2014194

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
203	18.2	0.0	38.0

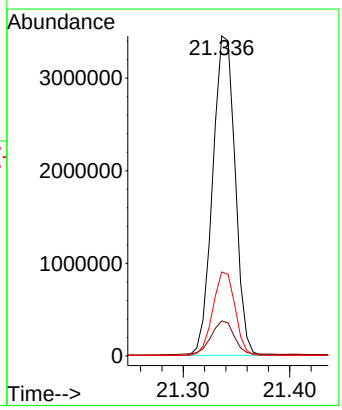


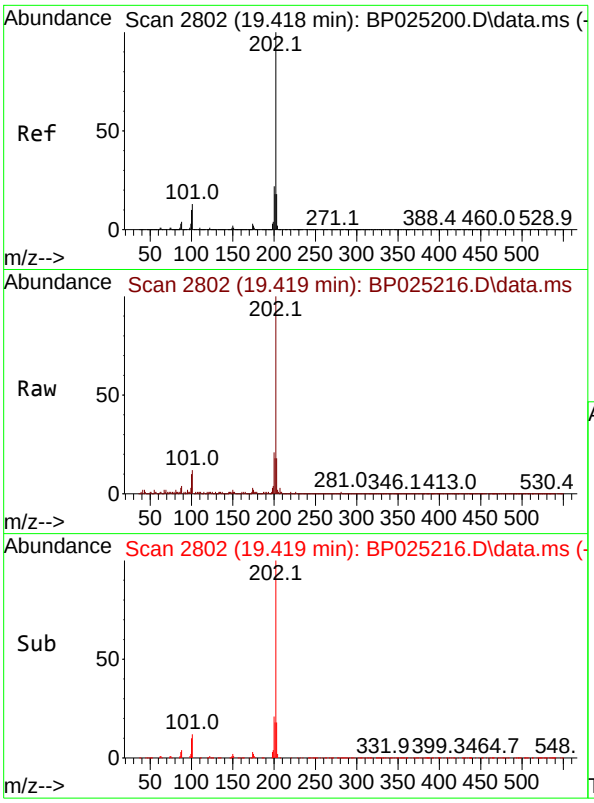


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:240 Resp: 5041029

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.8	13.2
236	26.2	20.9	31.3



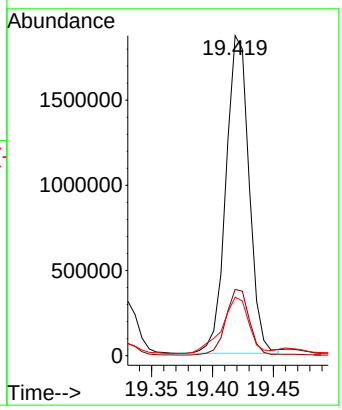


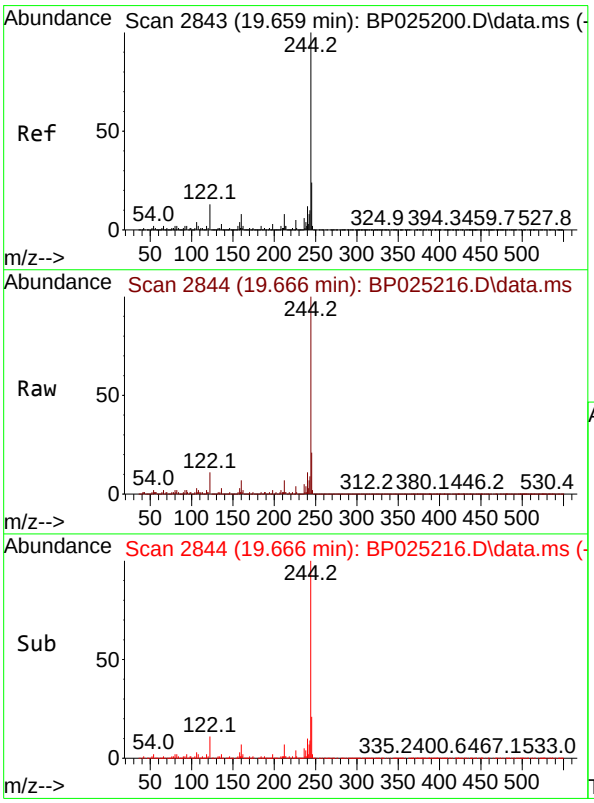
#78
Pyrene
Concen: 7.894 ng
RT: 19.419 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 2453628

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.3	14.3	21.5

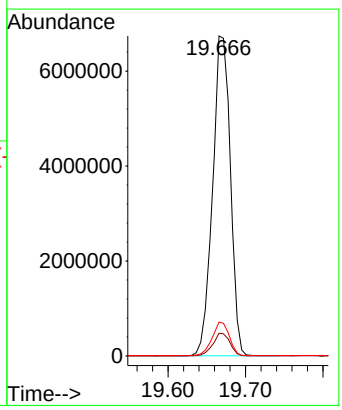


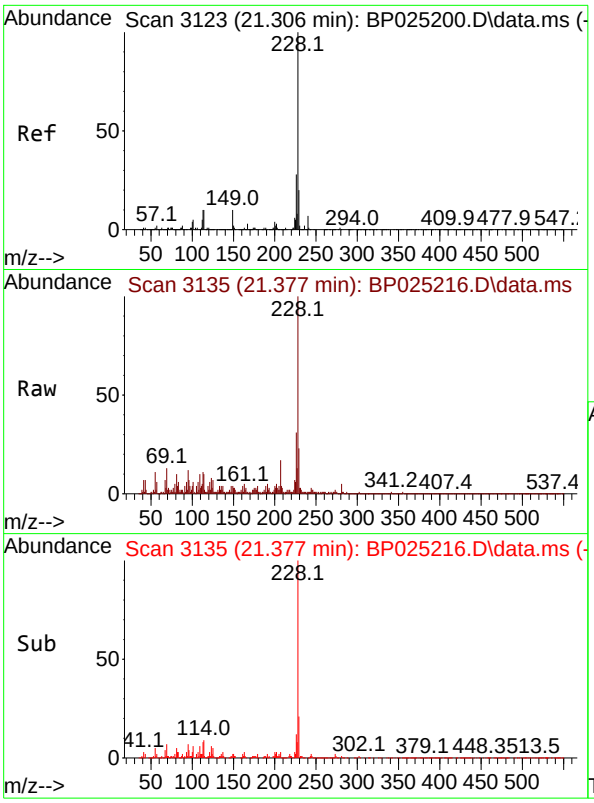


#79
Terphenyl-d14
Concen: 41.964 ng
RT: 19.666 min Scan# 2844
Delta R.T. 0.007 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:244 Resp:10716235

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	9.8
122	10.6	10.3	15.5



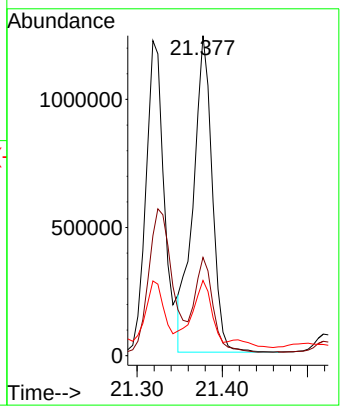


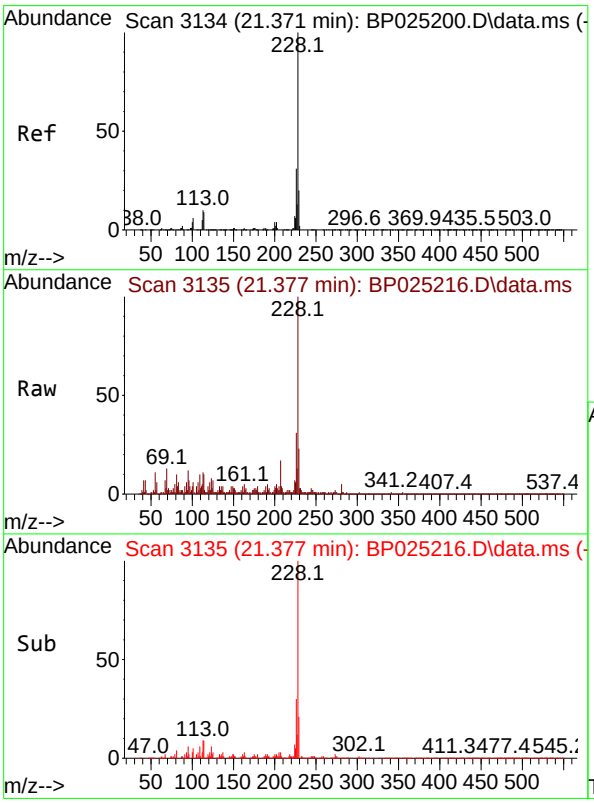
#81
Benzo(a)anthracene
Concen: 6.006 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.071 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1911912

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.3	33.5
229	23.5	16.2	24.2

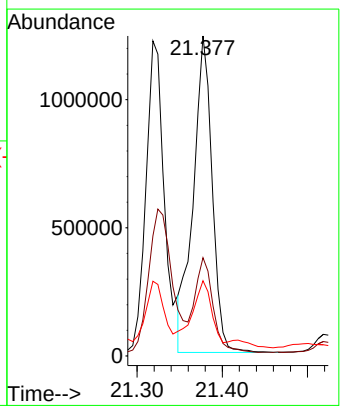


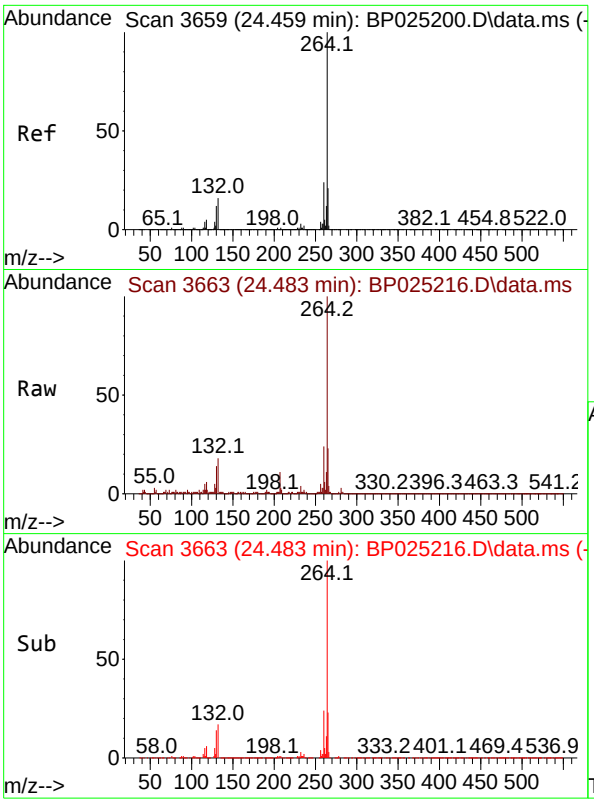


#83
Chrysene
Concen: 6.434 ng
RT: 21.377 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:228 Resp: 1911912

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	23.5	16.0	24.0



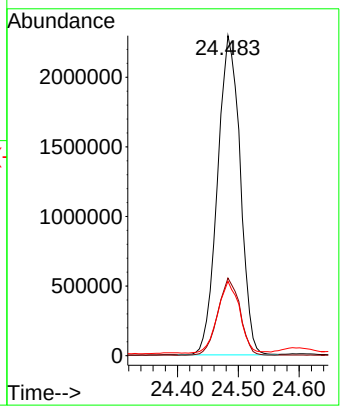


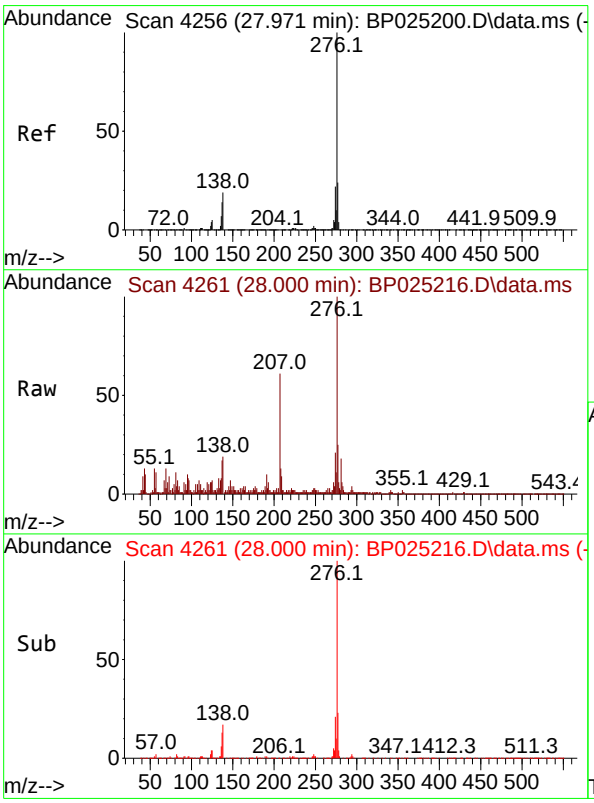
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 5921704

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	23.3	17.5	26.3

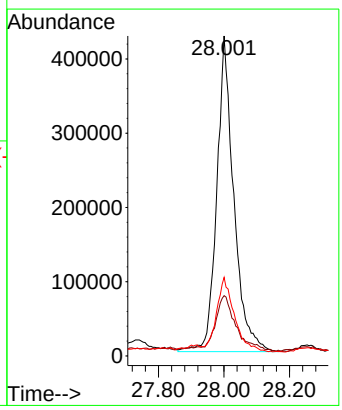


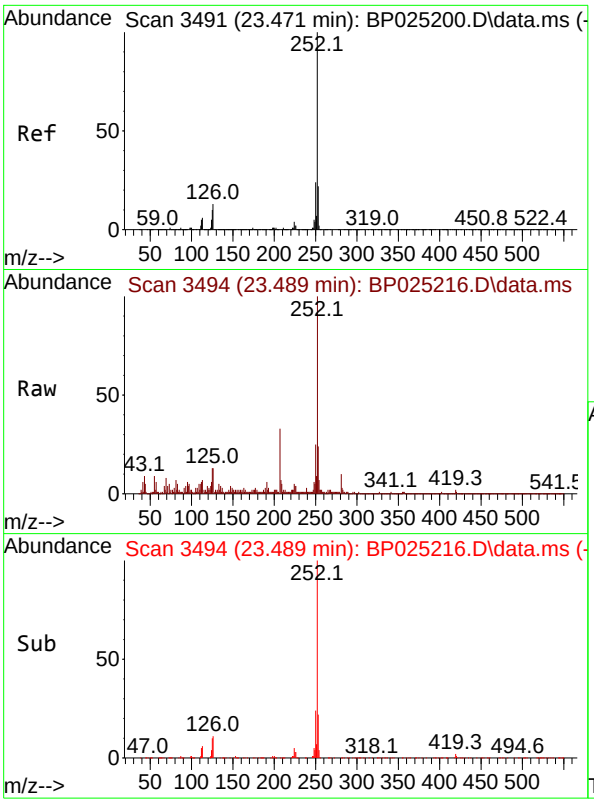


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.542 ng
RT: 28.000 min Scan# 4261
Delta R.T. 0.030 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:276 Resp: 1532684

Ion	Ratio	Lower	Upper
276	100		
138	21.2	12.8	19.2#
277	24.6	20.3	30.5



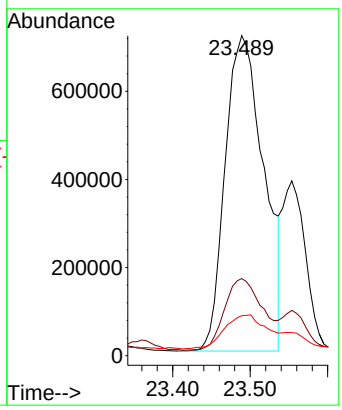


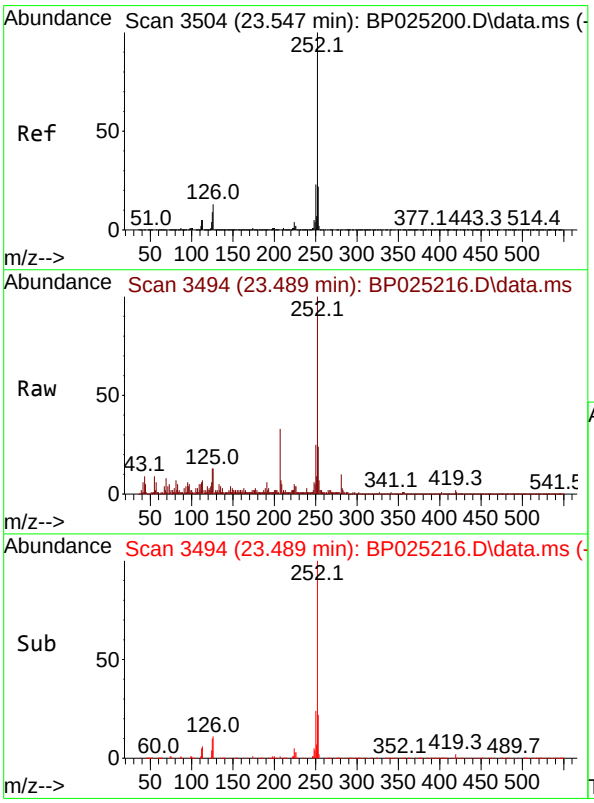
#88
Benzo(b)fluoranthene
Concen: 7.343 ng
RT: 23.489 min Scan# 34
Delta R.T. 0.018 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2488989

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	12.5	7.8	11.8#

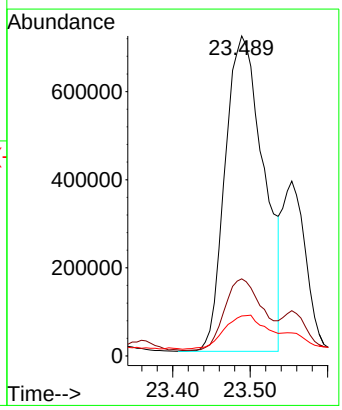


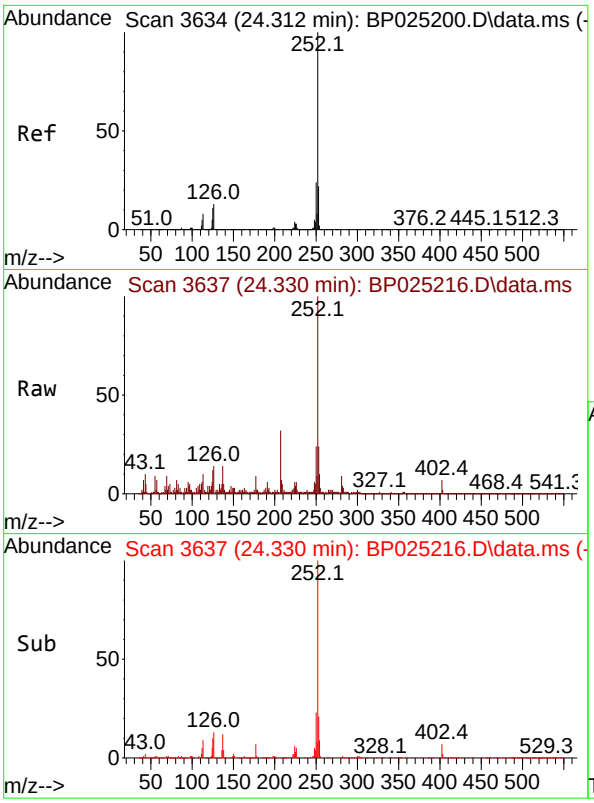


#89
Benzo(k)fluoranthene
Concen: 7.438 ng
RT: 23.489 min Scan# 3494
Delta R.T. -0.058 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:252 Resp: 2488989

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	12.5	7.5	11.3#



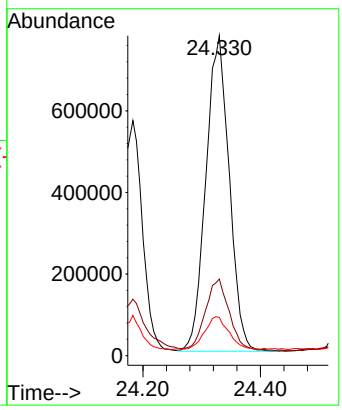


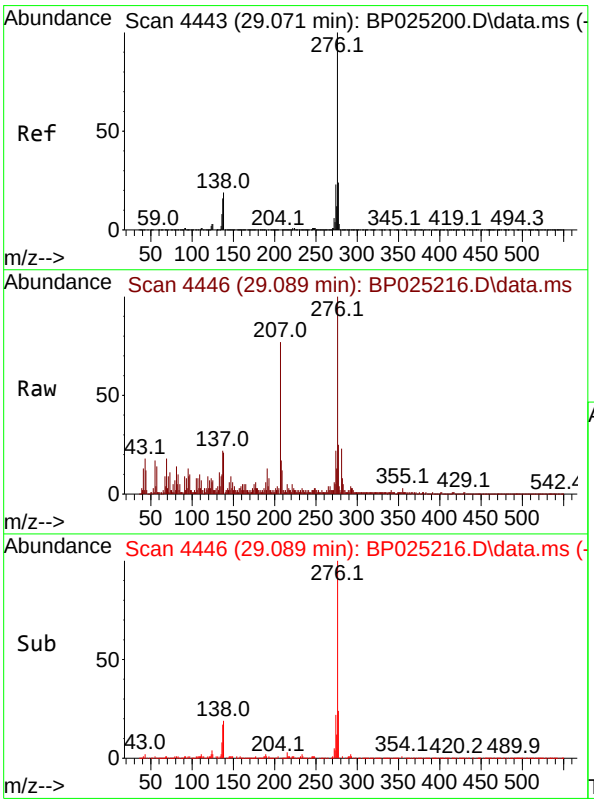
#90
Benzo(a)pyrene
Concen: 6.447 ng
RT: 24.330 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2132127

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	12.0	8.6	12.8





#92
Benzo(g,h,i)perylene
Concen: 4.310 ng
RT: 29.089 min Scan# 4446
Delta R.T. 0.018 min
Lab File: BP025216.D
Acq: 22 Jul 2025 15:59

Tgt Ion:276 Resp: 1495248

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	21.2	15.4	23.2