Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025319.D
Acq On : 07 Aug 2025 18:34
Operator : CG/JU
Sample : Q2774-03DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
256DL

Quant Time: Aug 08 01:04:18 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	7.802	152	263056	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1101191	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	697078	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1283580	20.000	ng		0.00
76) Chrysene-d12	21.660	240	1300840	20.000	ng		0.00
86) Perylene-d12	25.042	264	1454069	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	100522	6.146	ng		0.00
7) Phenol-d6	6.961	99	134344	6.241	ng		0.00
23) Nitrobenzene-d5	8.937	82	84770	4.265	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	48434	6.965	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	214989	4.260	ng		0.00
79) Terphenyl-d14	19.936	244	294690	4.279	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.260	178	716944	10.198	ng		98
75) Fluoranthene	19.342	202	2121366	26.066	ng		98
78) Pyrene	19.713	202	1848020	21.364	ng		99
81) Benzo(a)anthracene	21.642	228	900588	10.418	ng		99
83) Chrysene	21.707	228	1024909	12.783	ng		97
87) Indeno(1,2,3-cd)pyrene	28.871	276	784986	7.532	ng	#	90
88) Benzo(b)fluoranthene	23.983	252	1512053	17.371	ng		99
89) Benzo(k)fluoranthene	24.054	252	483988	5.609	ng		98
90) Benzo(a)pyrene	24.889	252	955402	11.398	ng		99
92) Benzo(g,h,i)perylene	30.059	276	757007	9.037	ng		98

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

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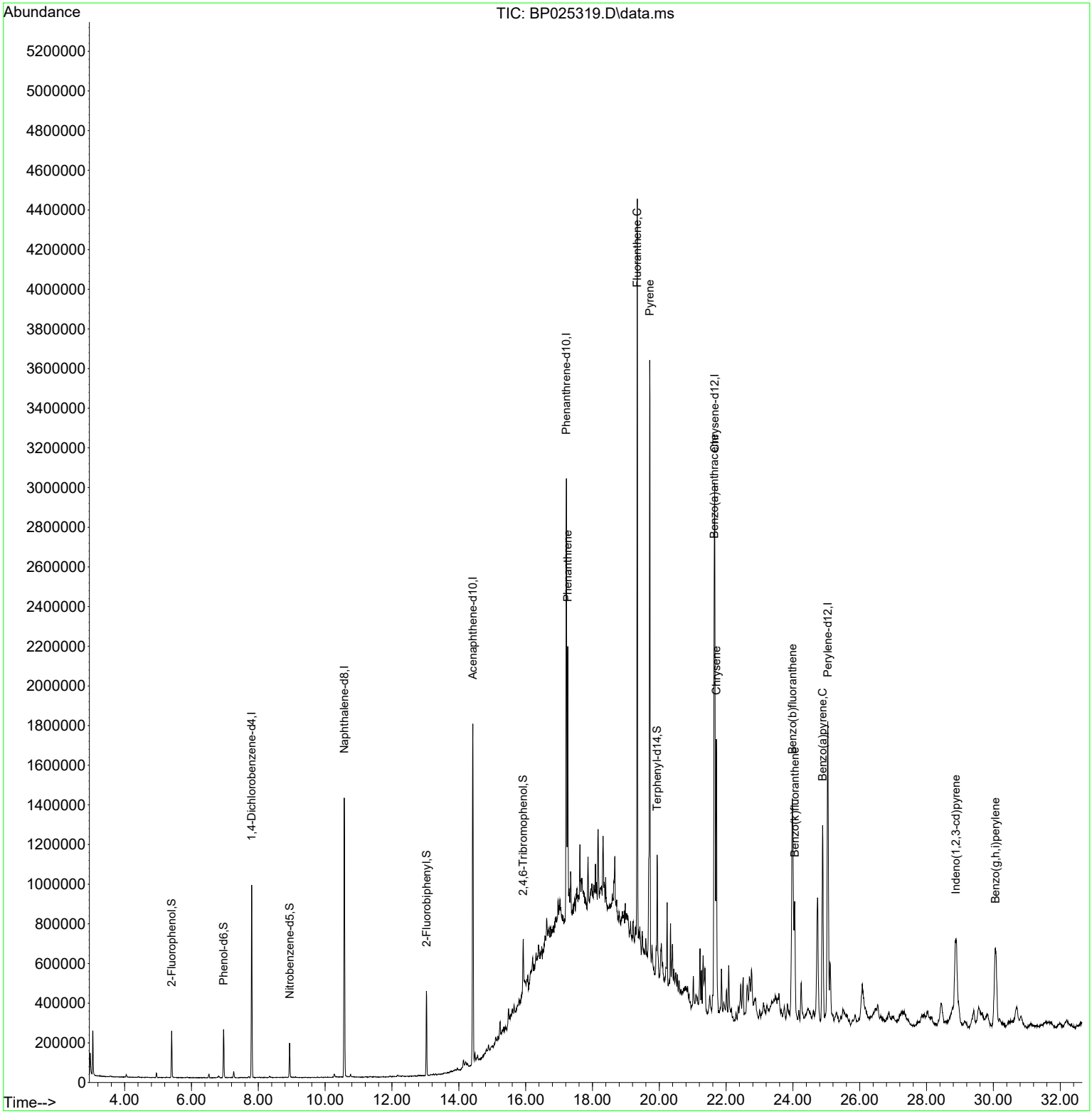
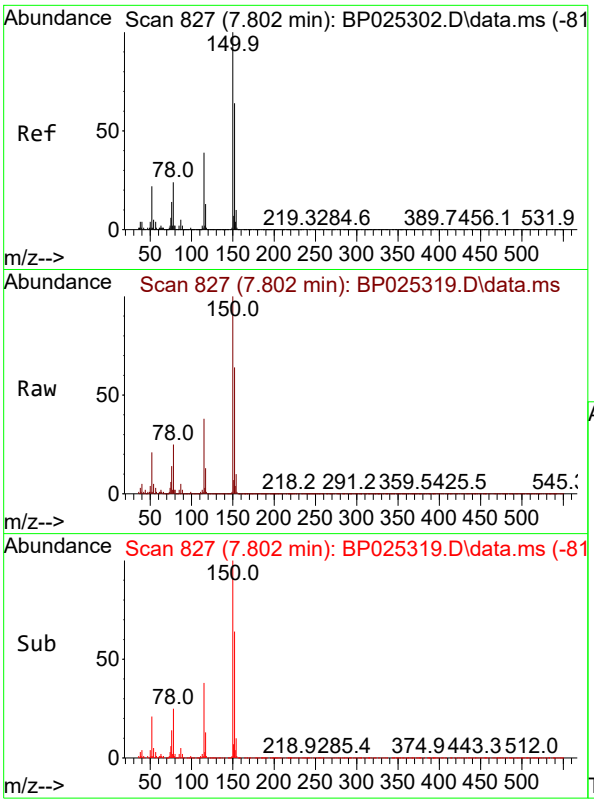
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration



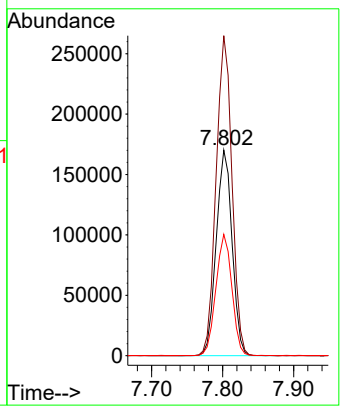


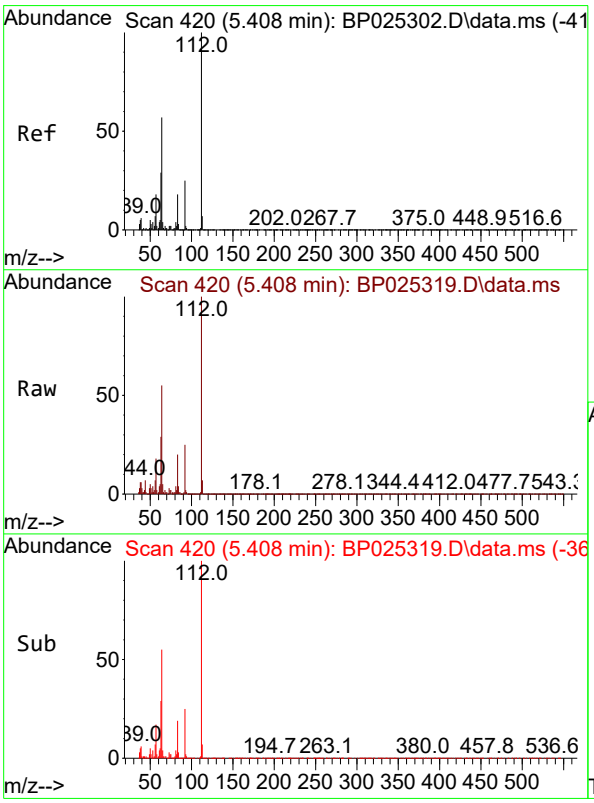
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion:152 Resp: 263056

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.1	187.7
115	59.0	48.4	72.6

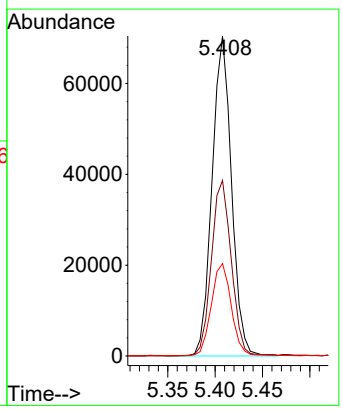


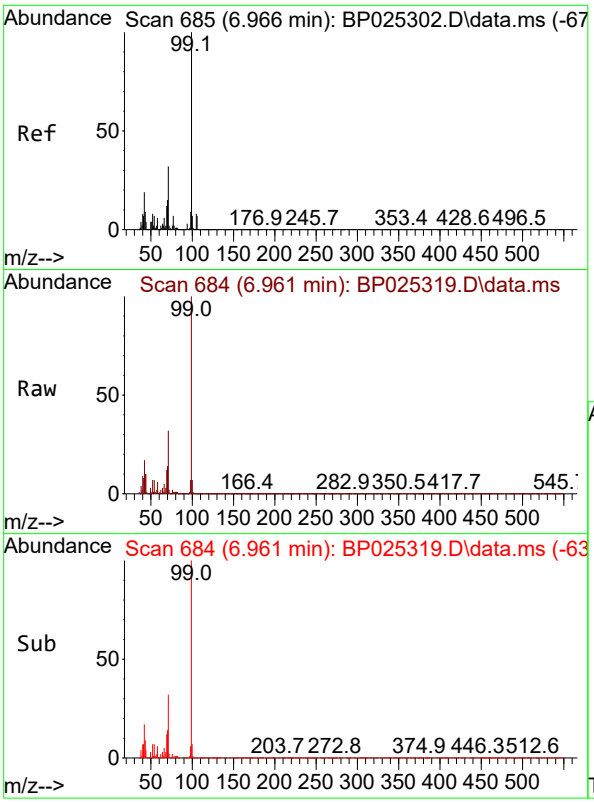


#5
2-Fluorophenol
Concen: 6.146 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:112 Resp: 100522

Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.3	67.9
63	28.9	23.0	34.6



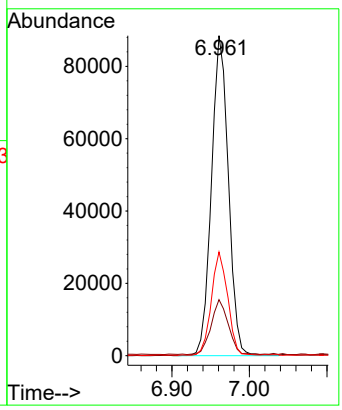


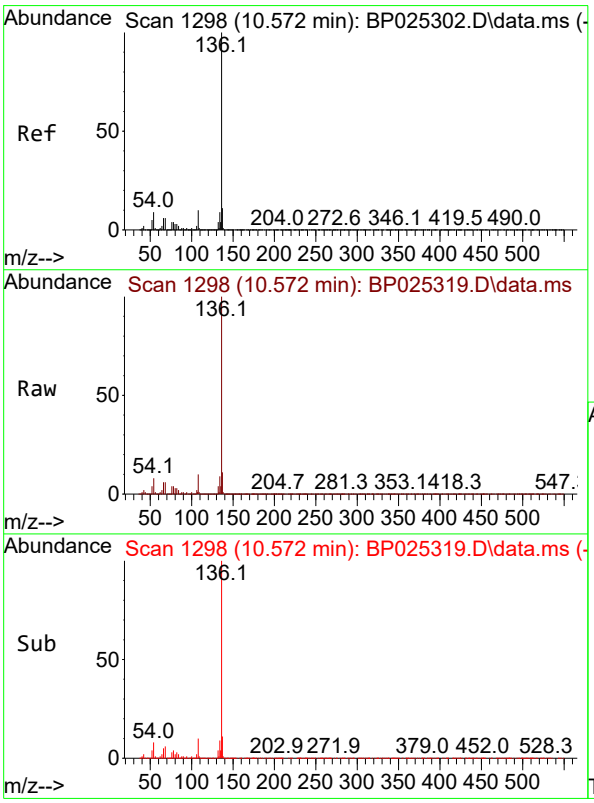
#7
Phenol-d6
Concen: 6.241 ng
RT: 6.961 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion: 99 Resp: 134344

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.6
71	32.4	25.5	38.3

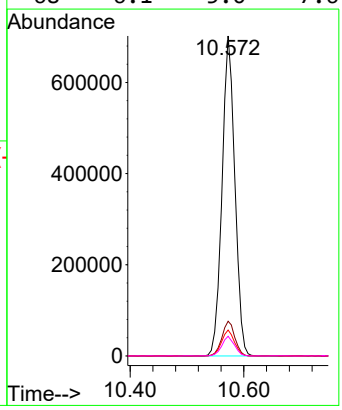


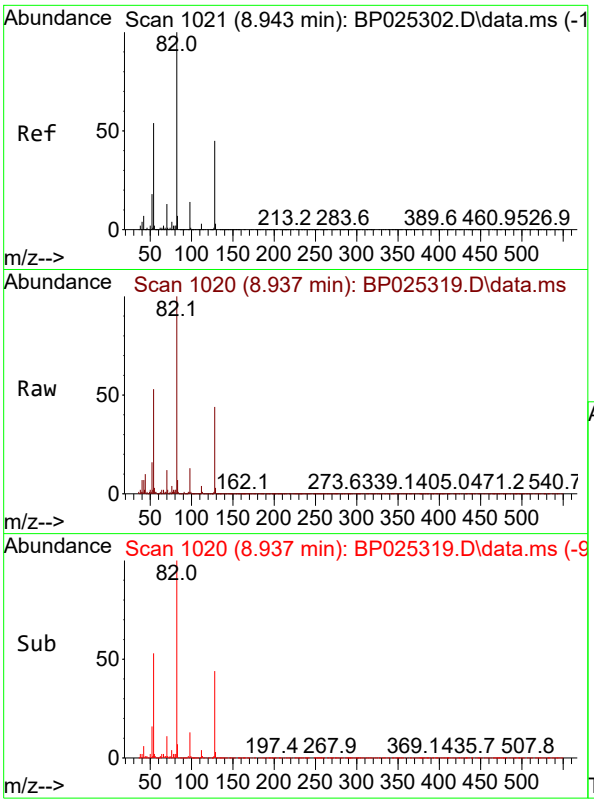


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:136 Resp: 1101191

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.1	7.0	10.6
68	6.1	5.0	7.6



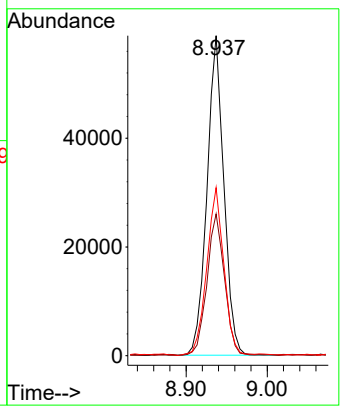


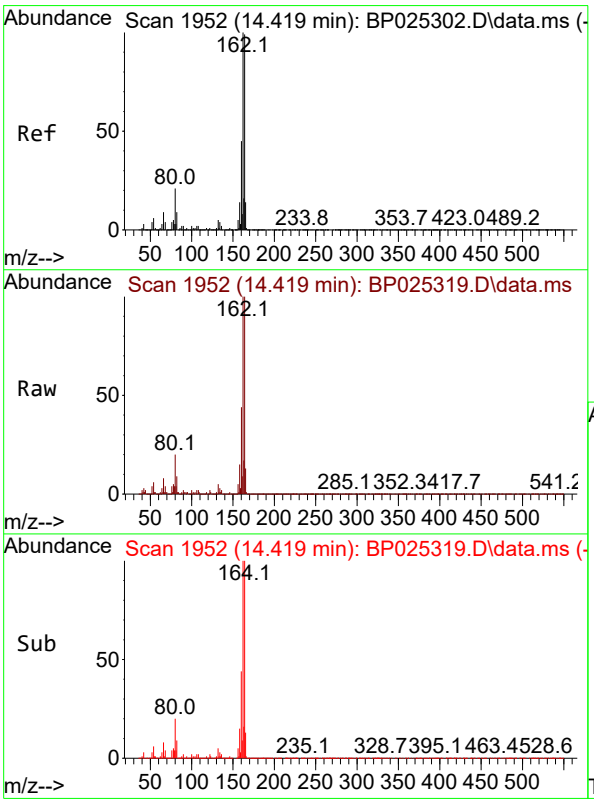
#23
Nitrobenzene-d5
Concen: 4.265 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion: 82 Resp: 84770

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.4	53.2
54	52.5	42.9	64.3

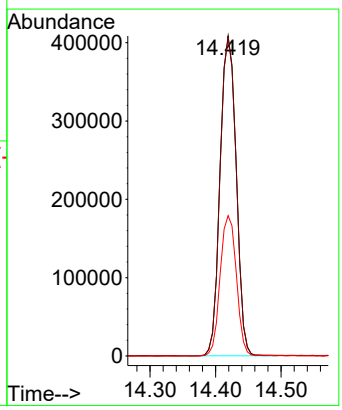


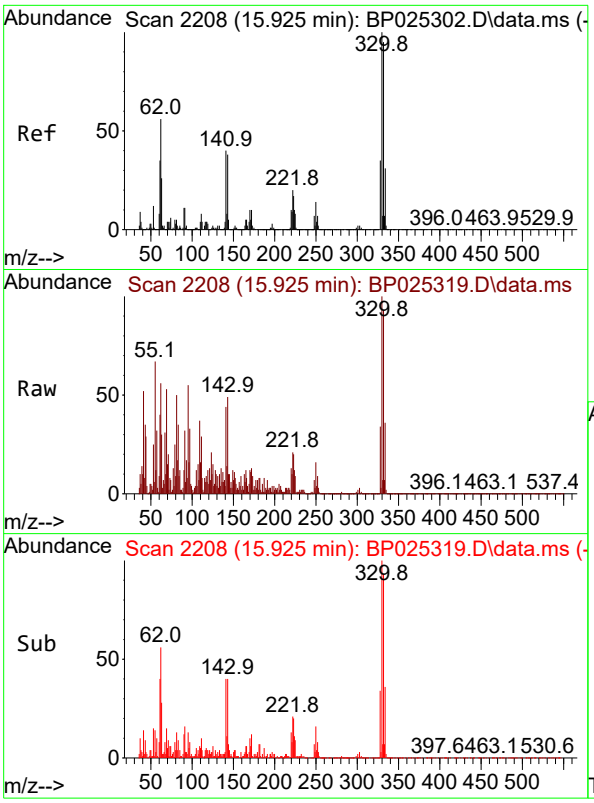


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:164 Resp: 697078

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	43.8	35.9	53.9



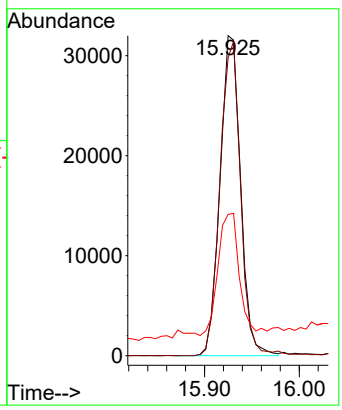


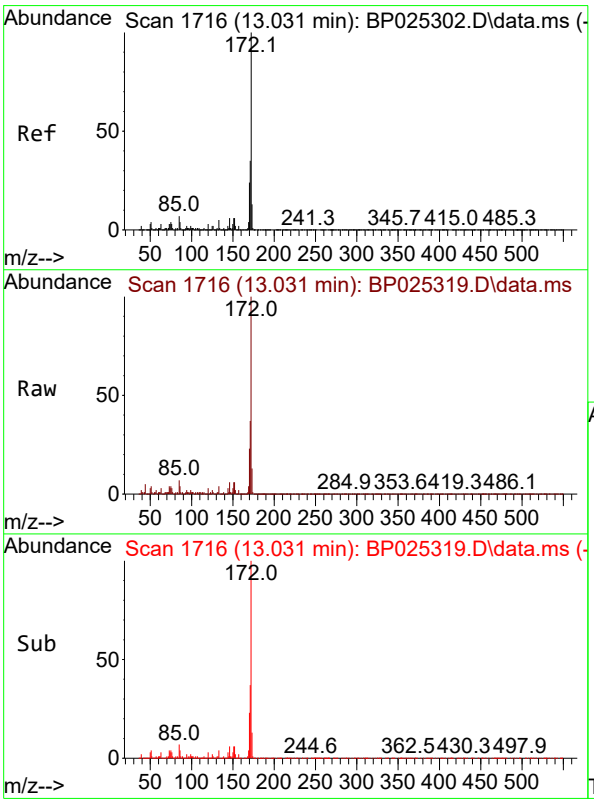
#42
2,4,6-Tribromophenol
Concen: 6.965 ng
RT: 15.925 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion:330 Resp: 48434

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.0
141	39.7	31.7	47.5

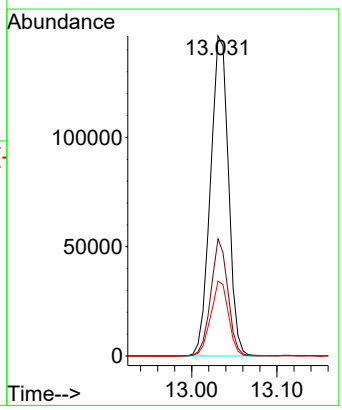


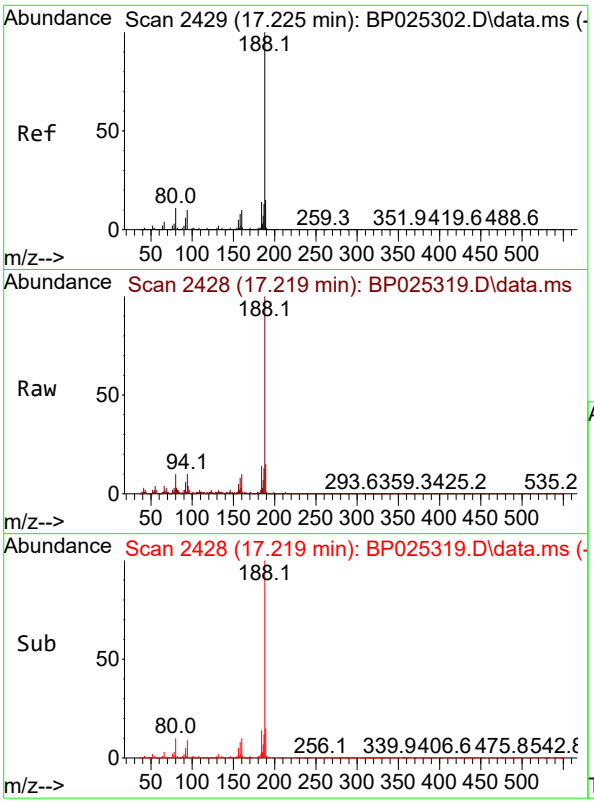


#45
2-Fluorobiphenyl
Concen: 4.260 ng
RT: 13.031 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:172 Resp: 214989

Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.9	41.9
170	23.4	18.9	28.3



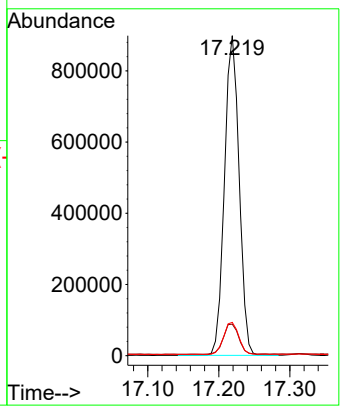


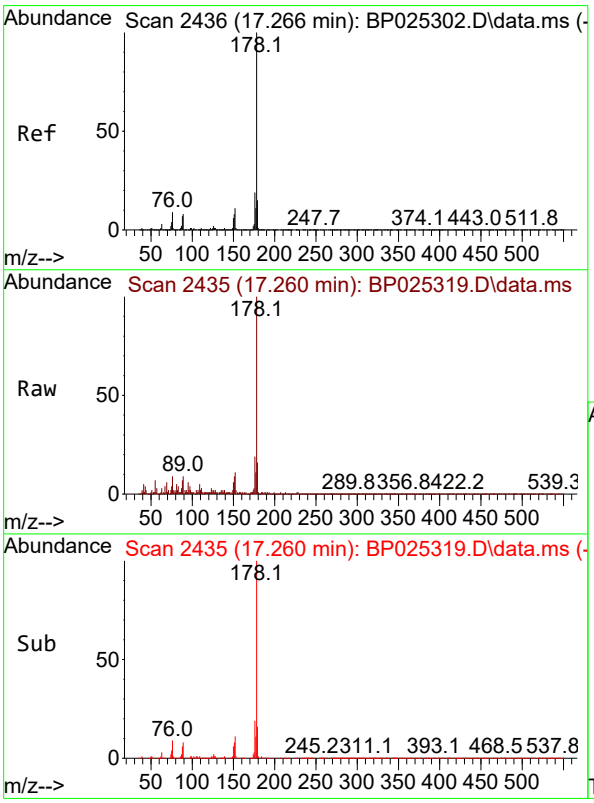
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion:188 Resp: 1283580

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.4	8.5	12.7

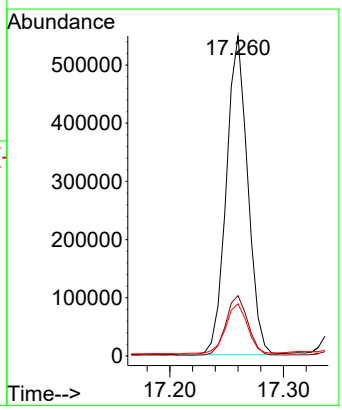


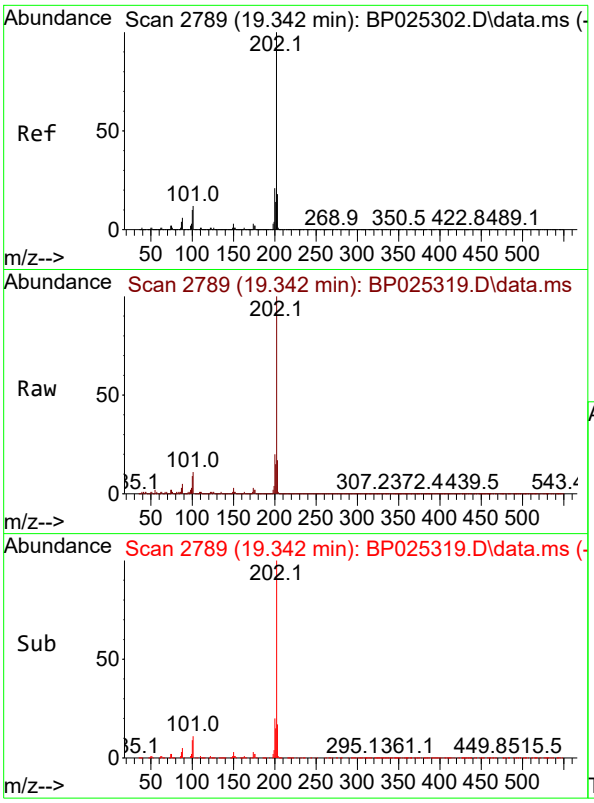


#71
Phenanthrene
Concen: 10.198 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:178 Resp: 716944

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	16.3	12.1	18.1



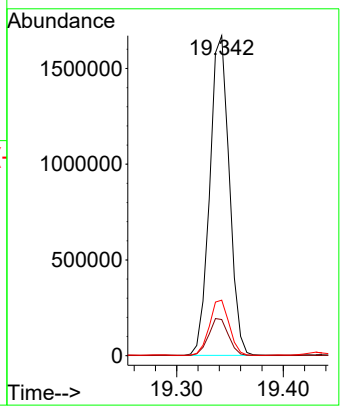


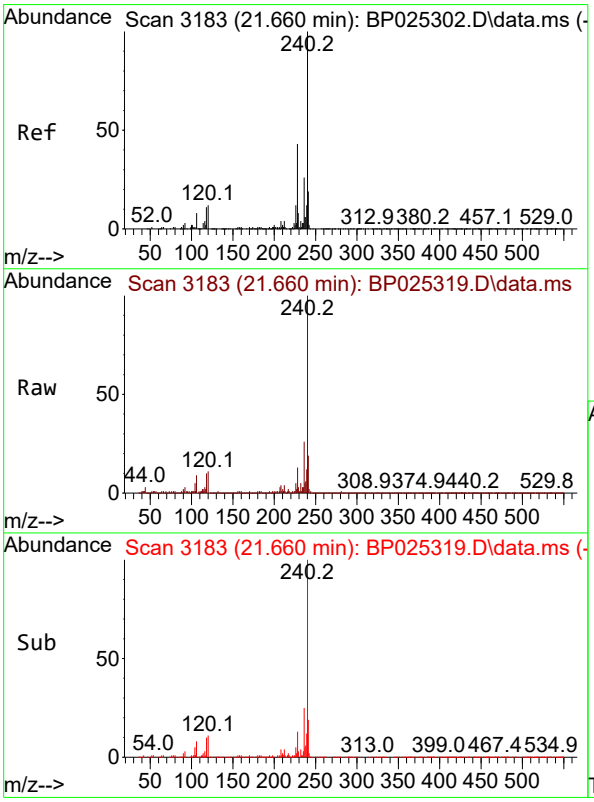
#75
Fluoranthene
Concen: 26.066 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion:202 Resp: 2121366

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.5
203	17.4	0.0	37.6

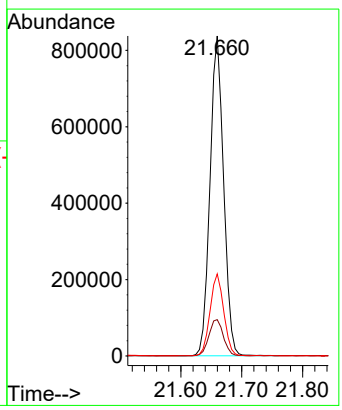


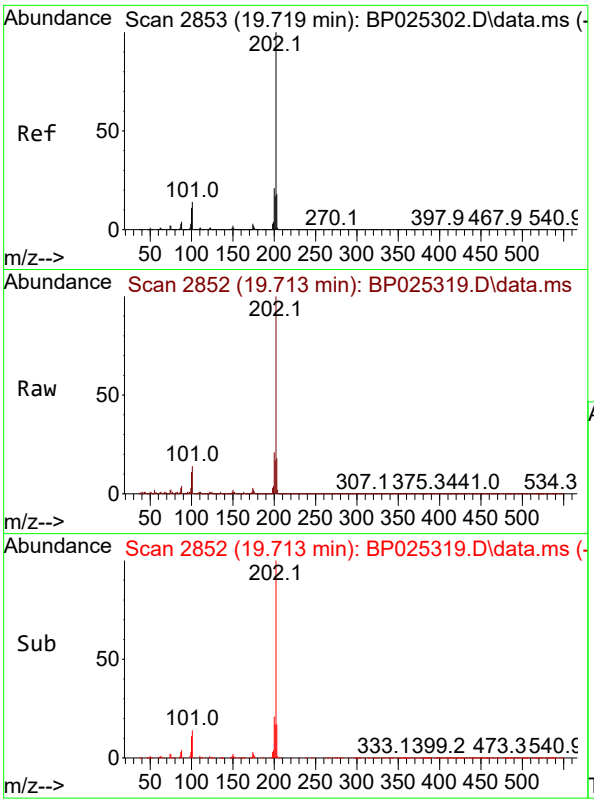


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:240 Resp: 1300840

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	25.6	20.4	30.6



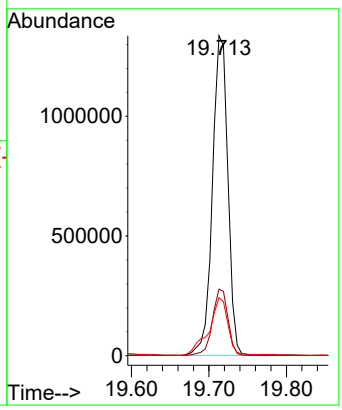


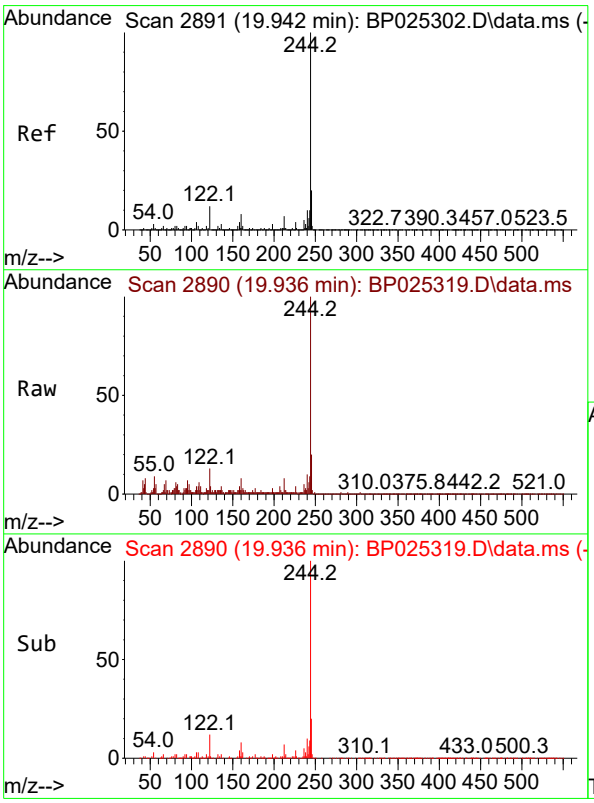
#78
Pyrene
Concen: 21.364 ng
RT: 19.713 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion:202 Resp: 1848020

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	18.1	14.1	21.1

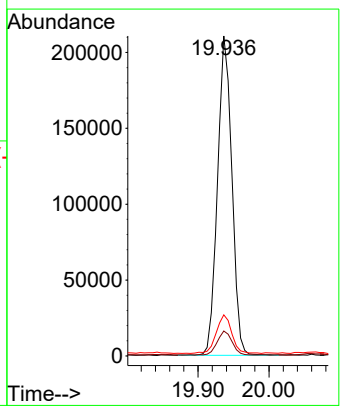


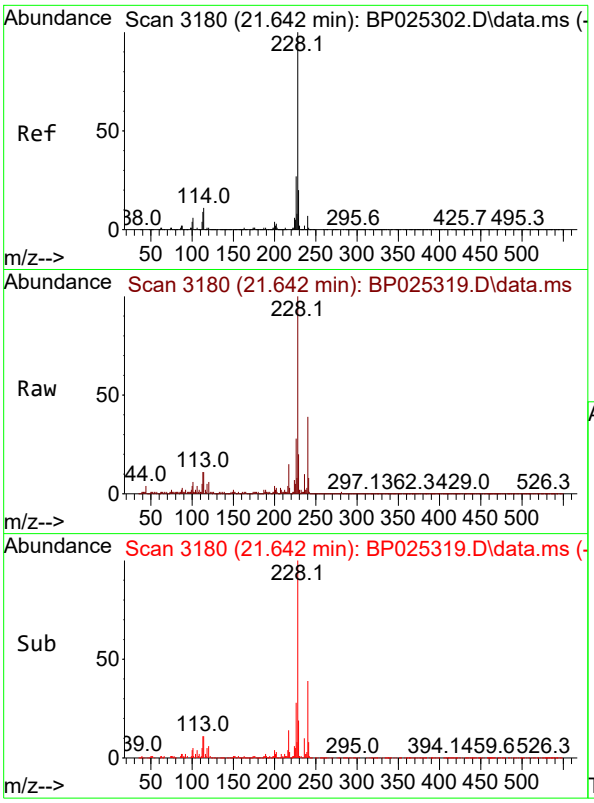


#79
Terphenyl-d14
Concen: 4.279 ng
RT: 19.936 min Scan# 2890
Delta R.T. -0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:244 Resp: 294690

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	12.9	9.5	14.3



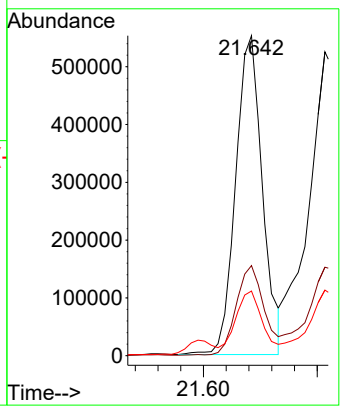


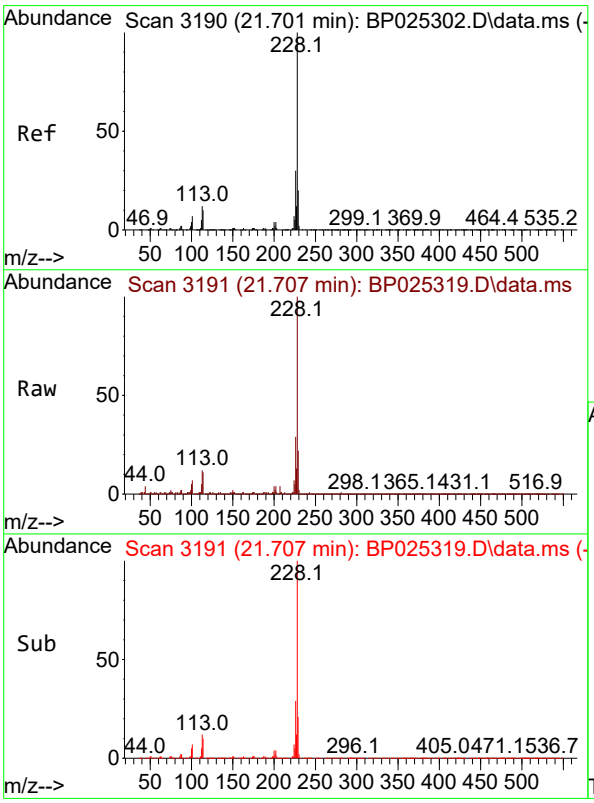
#81
Benzo(a)anthracene
Concen: 10.418 ng
RT: 21.642 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion:228 Resp: 900588

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	20.2	16.0	24.0

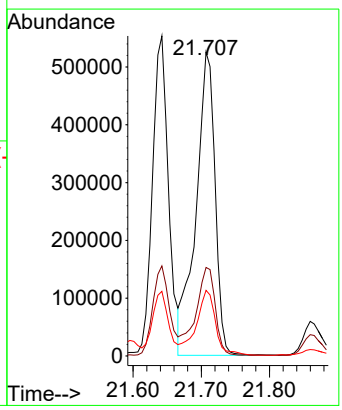


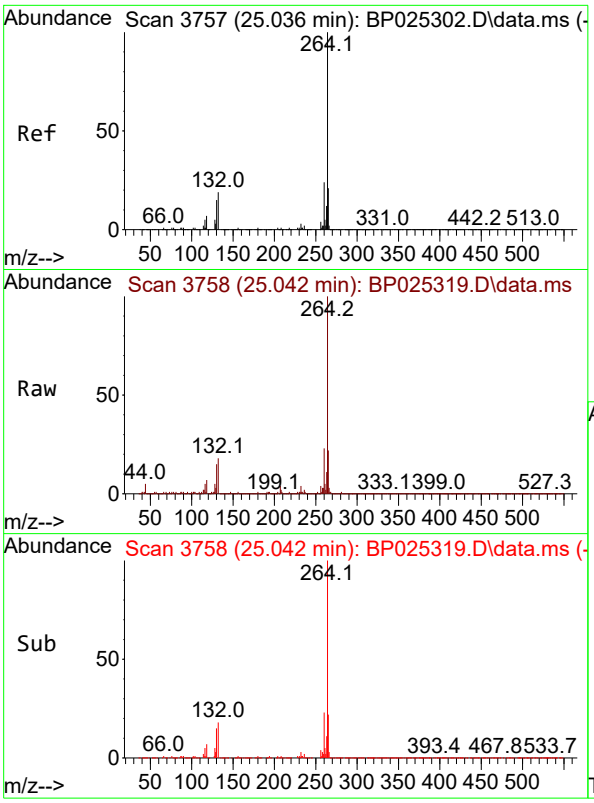


#83
Chrysene
Concen: 12.783 ng
RT: 21.707 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:228 Resp: 1024909

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.3	36.5
229	21.6	15.9	23.9



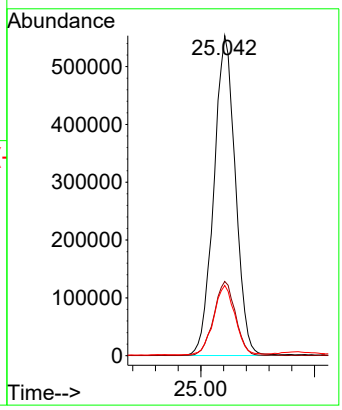


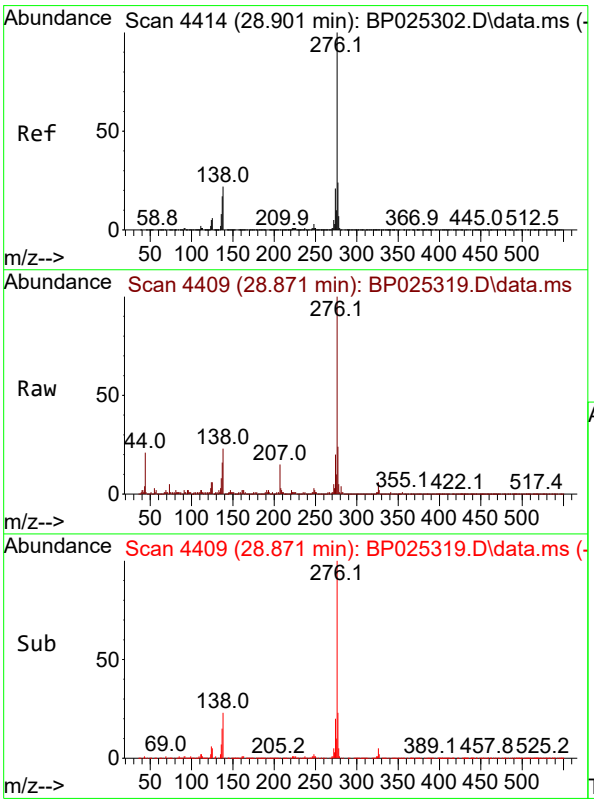
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion:264 Resp: 1454069

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.1	25.7

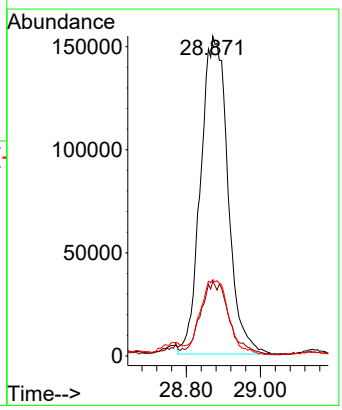


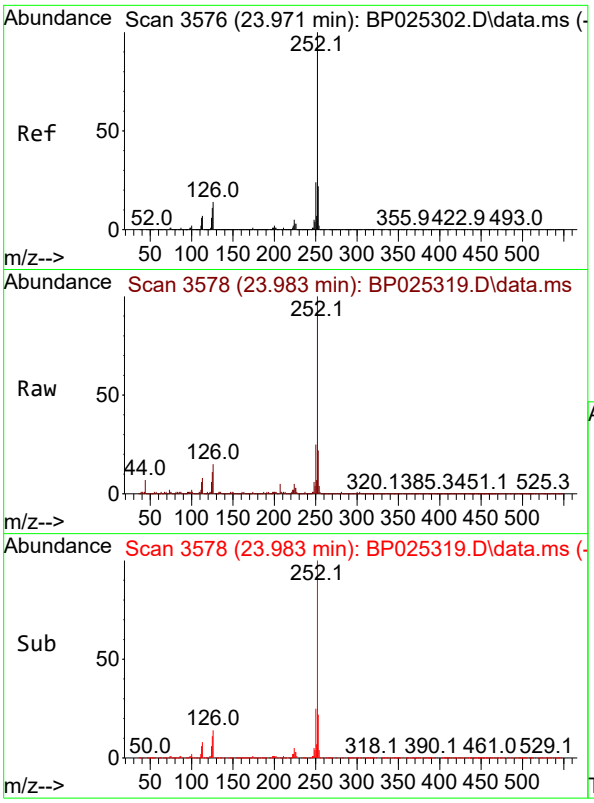


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.532 ng
RT: 28.871 min Scan# 4409
Delta R.T. -0.030 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:276 Resp: 784986

Ion	Ratio	Lower	Upper
276	100		
138	24.2	14.6	22.0#
277	24.7	16.8	25.2



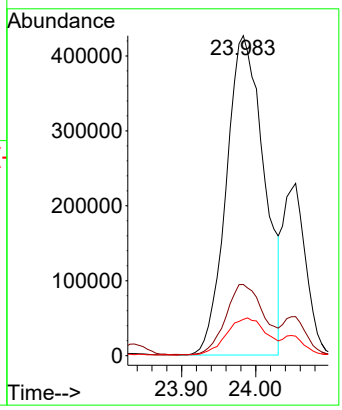


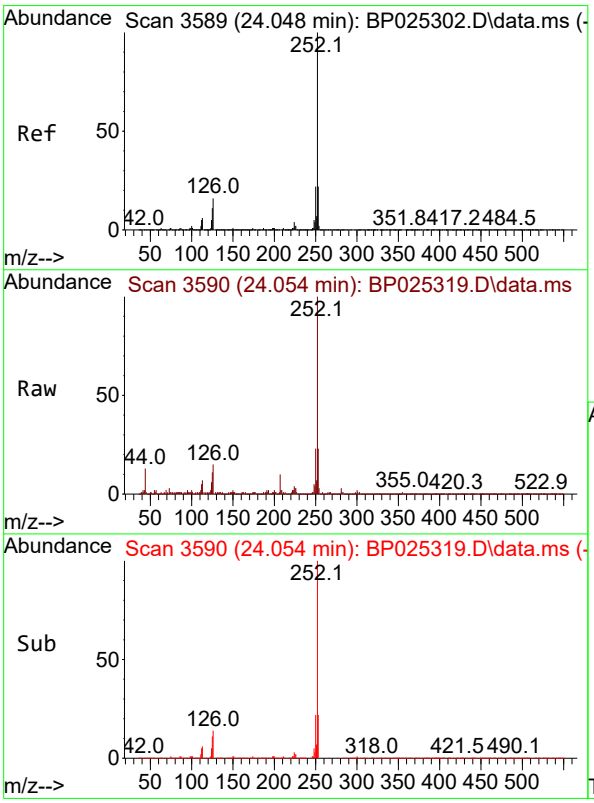
#88
Benzo(b)fluoranthene
Concen: 17.371 ng
RT: 23.983 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion:252 Resp: 1512053

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.3	8.5	12.7

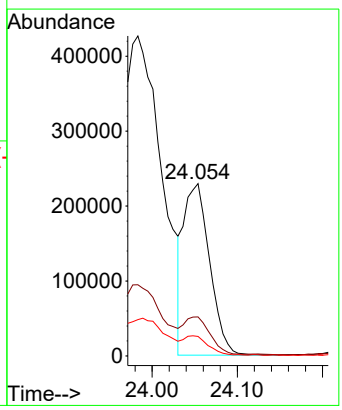


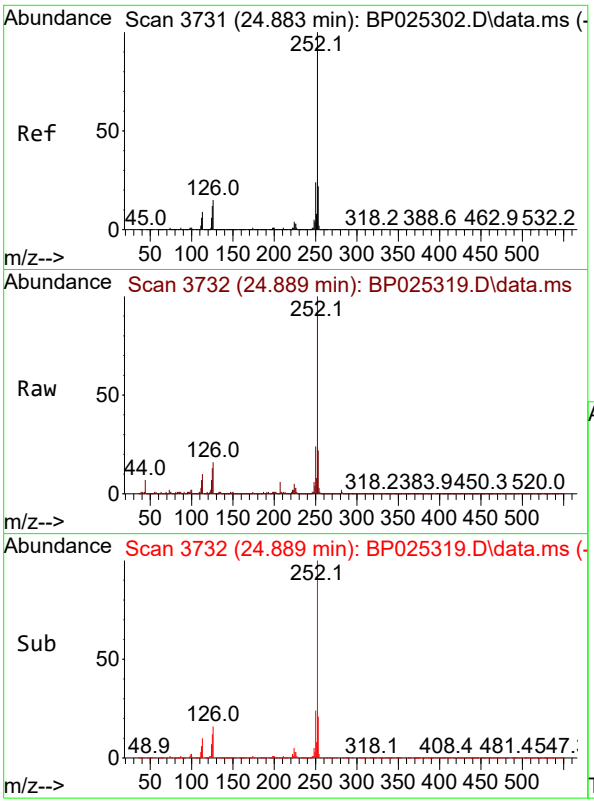


#89
Benzo(k)fluoranthene
Concen: 5.609 ng
RT: 24.054 min Scan# 3590
Delta R.T. 0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:252 Resp: 483988

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	11.3	8.5	12.7



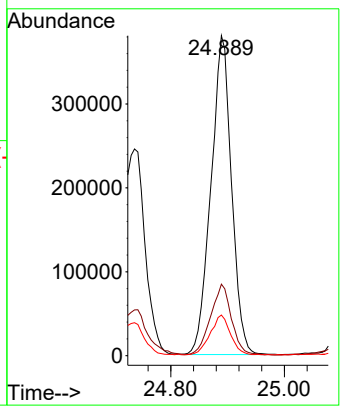


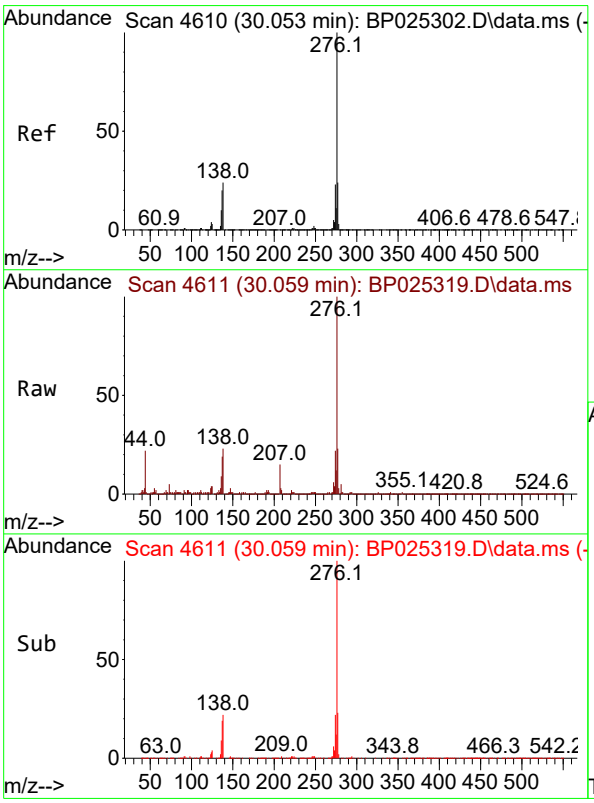
#90
Benzo(a)pyrene
Concen: 11.398 ng
RT: 24.889 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Instrument :
BNA_P
ClientSampleId :
256DL

Tgt Ion:252 Resp: 955402

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	12.7	9.4	14.0





#92
Benzo(g,h,i)perylene
Concen: 9.037 ng
RT: 30.059 min Scan# 4611
Delta R.T. 0.006 min
Lab File: BP025319.D
Acq: 07 Aug 2025 18:34

Tgt Ion:276 Resp: 757007

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.3	28.9
138	22.6	19.1	28.7