Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
Data File : BP026334.D
Acq On : 15 Dec 2025 21:00
Operator : RC/JU
Sample : Q3861-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Quant Time: Dec 16 00:57:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 15 14:15:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	211685	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	789874	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	493805	20.000	ng	0.00
64) Phenanthrene-d10	17.078	188	967267	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1108610	20.000	ng	0.00
86) Perylene-d12	24.818	264	1316504	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	157723	11.979	ng	0.00
7) Phenol-d6	6.831	99	171163	10.297	ng	-0.01
23) Nitrobenzene-d5	8.784	82	97873	7.015	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	89418	13.626	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	293717	8.599	ng	0.00
79) Terphenyl-d14	19.825	244	496327	8.920	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.119	178	391385	7.144	ng	99
72) Anthracene	17.225	178	123356	2.216	ng	99
75) Fluoranthene	19.219	202	912531	13.754	ng	98
78) Pyrene	19.601	202	836186	11.299	ng	99
81) Benzo(a)anthracene	21.513	228	487510	6.378	ng	98
83) Chrysene	21.572	228	439241	6.087	ng	97
87) Indeno(1,2,3-cd)pyrene	28.559	276	336952	3.397	ng	94
88) Benzo(b)fluoranthene	23.789	252	638080	7.897	ng	96
89) Benzo(k)fluoranthene	23.789	252	638080	7.861	ng	95
90) Benzo(a)pyrene	24.666	252	480890	6.290	ng	97
92) Benzo(g,h,i)perylene	29.706	276	323296	4.009	ng	98

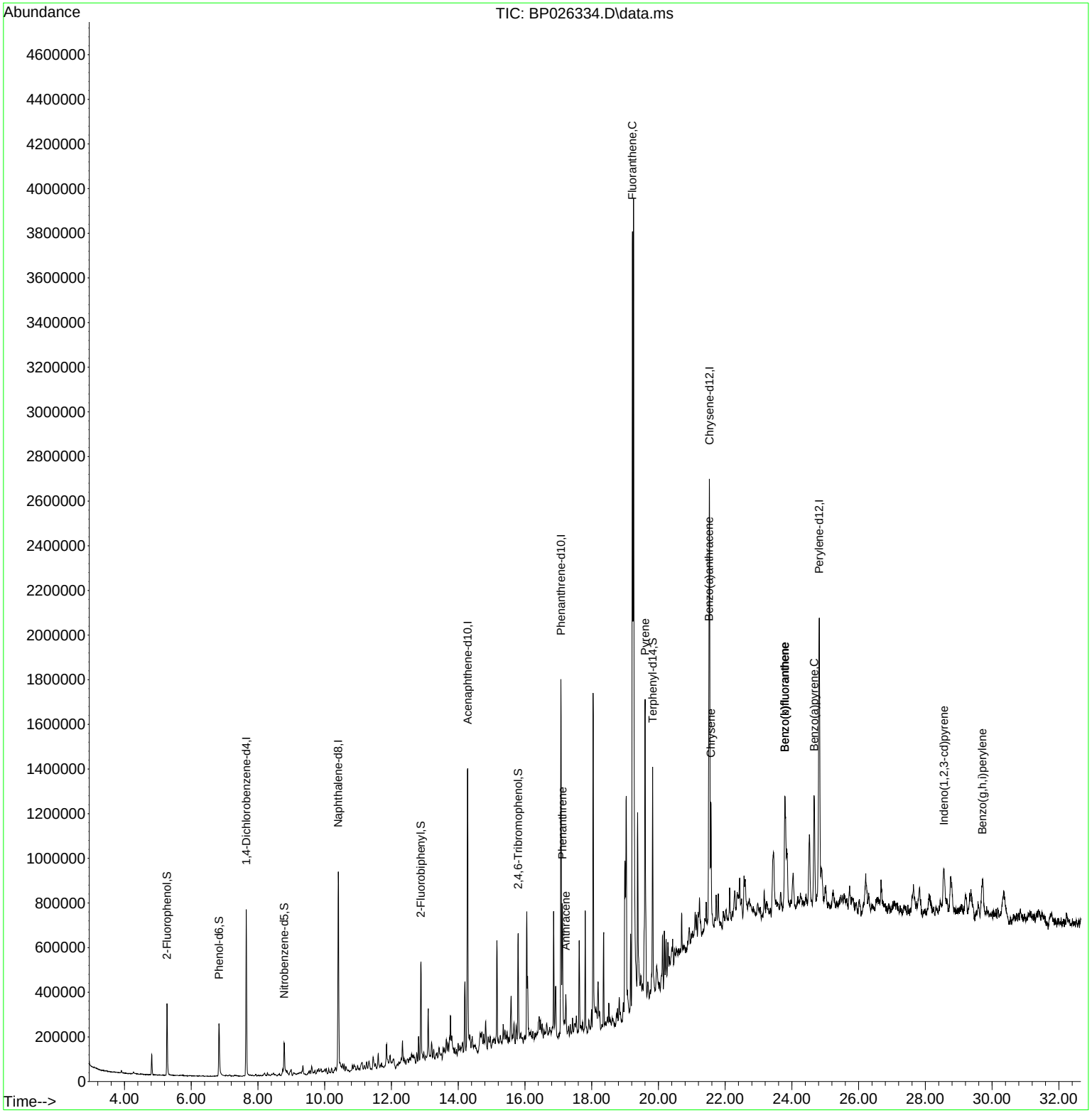
(#) = qualifier out of range (m) = manual integration (+) = signals summed

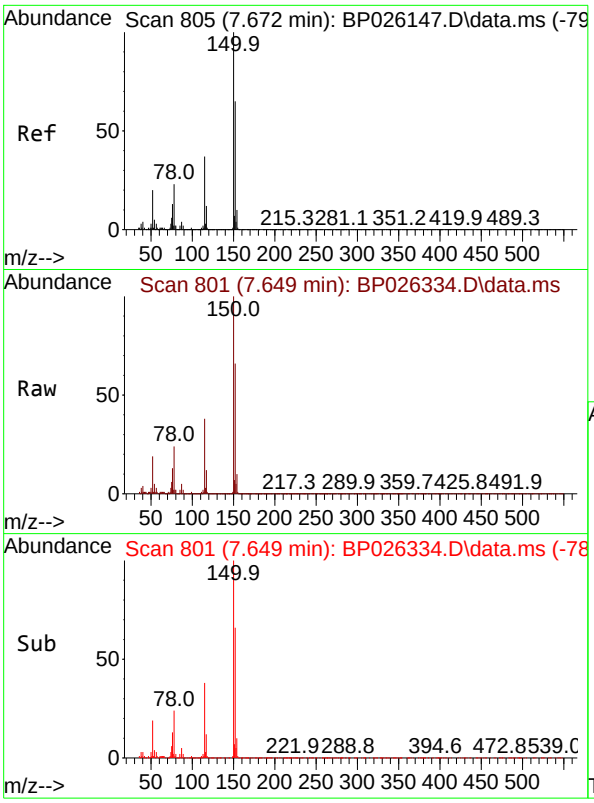
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
Data File : BP026334.D
Acq On : 15 Dec 2025 21:00
Operator : RC/JU
Sample : Q3861-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Quant Time: Dec 16 00:57:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 15 14:15:35 2025
Response via : Initial Calibration



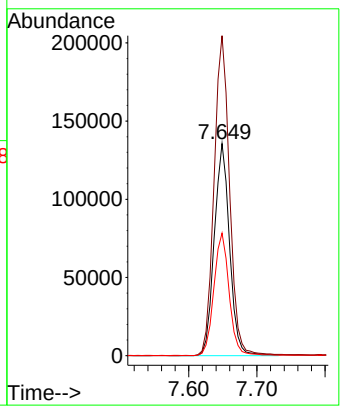


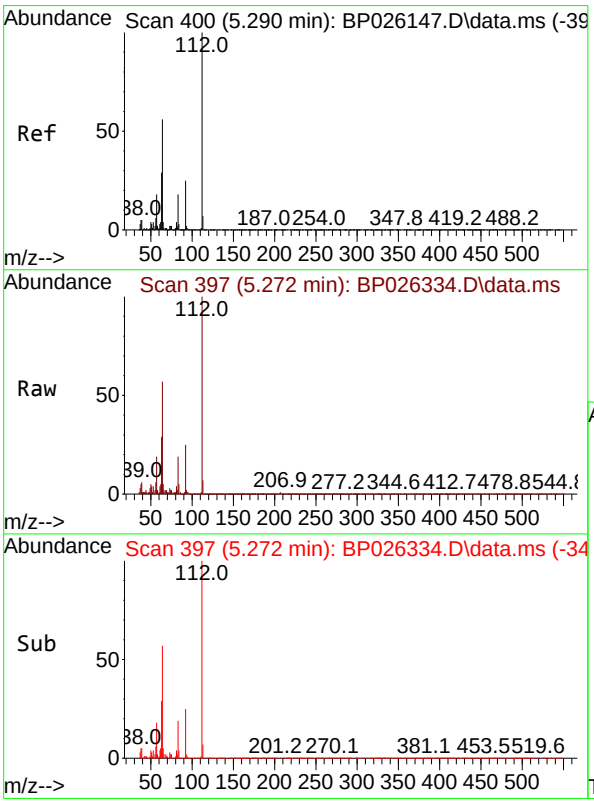
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion:152 Resp: 211685

Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.0	184.6
115	57.8	46.3	69.5

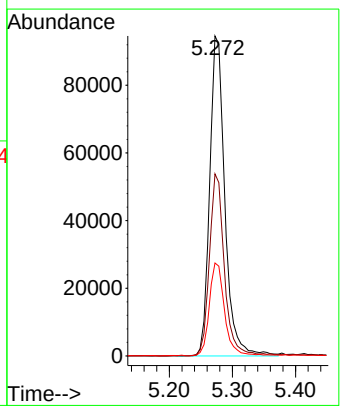


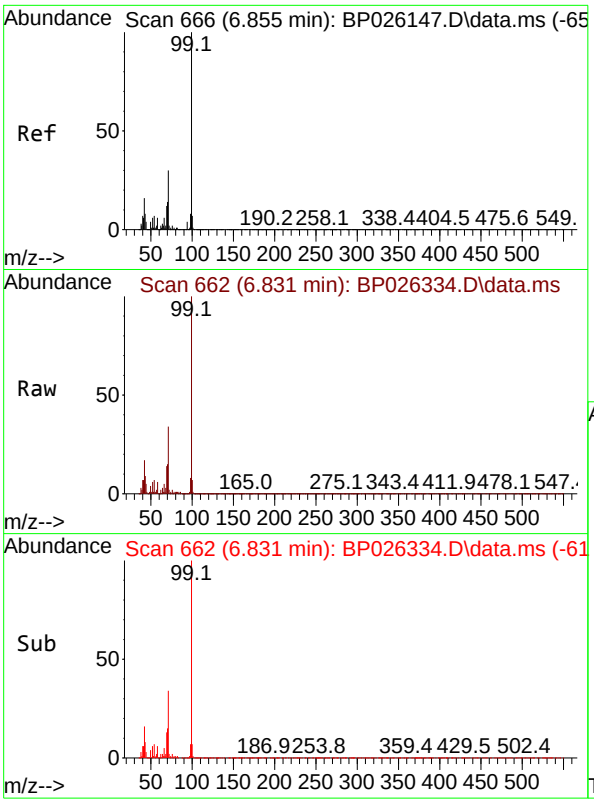


#5
2-Fluorophenol
Concen: 11.979 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:112 Resp: 157723

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.8	68.6
63	29.1	23.5	35.3



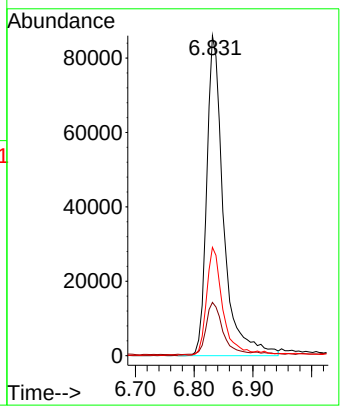


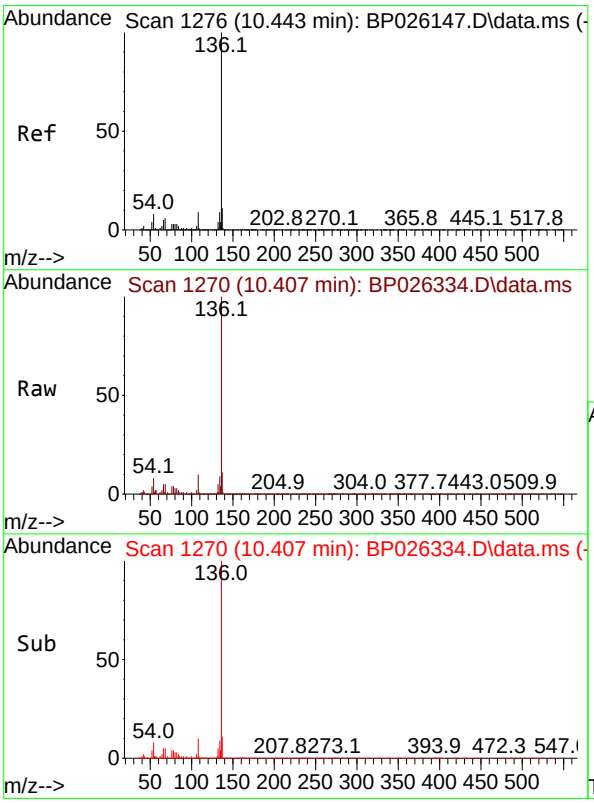
#7
Phenol-d6
Concen: 10.297 ng
RT: 6.831 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion: 99 Resp: 171163

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.9	19.3
71	33.9	24.8	37.2

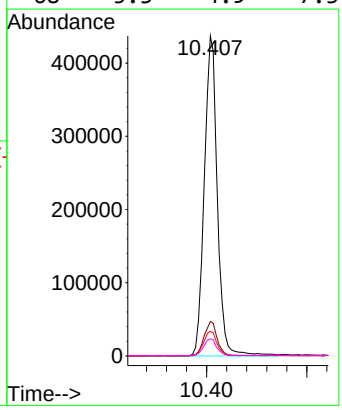


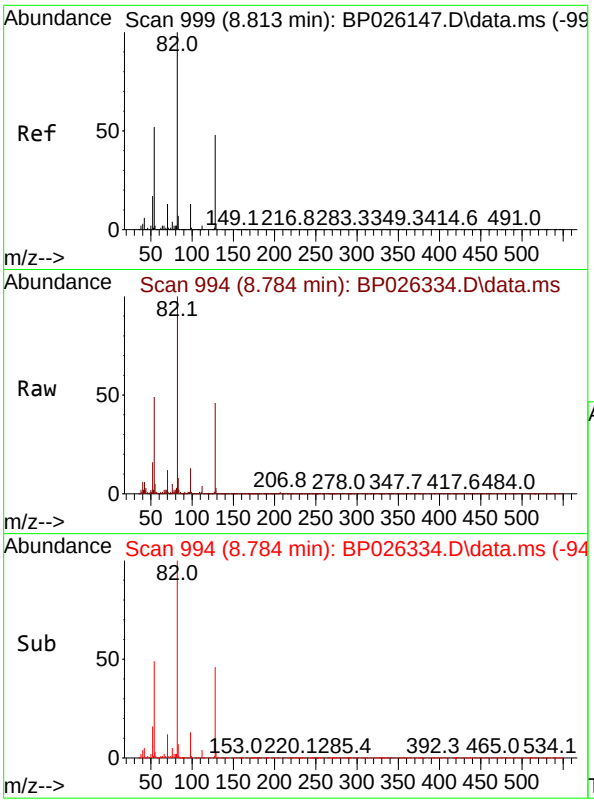


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:136 Resp: 789874

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	6.4	9.6
68	5.3	4.9	7.3



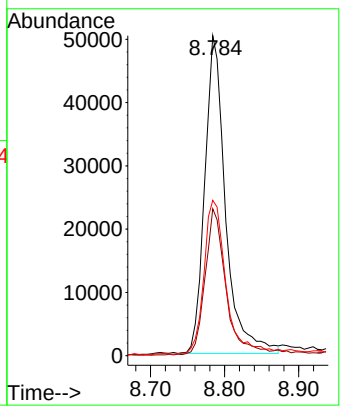


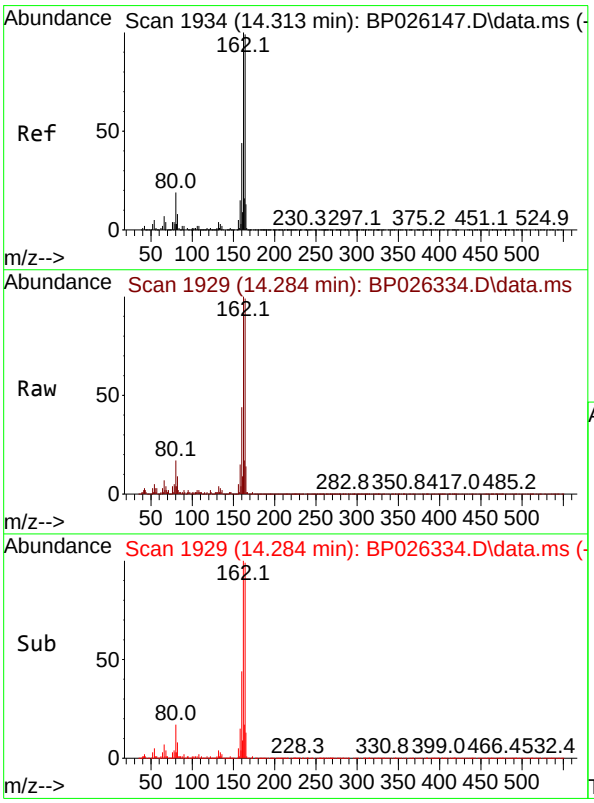
#23
Nitrobenzene-d5
Concen: 7.015 ng
RT: 8.784 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion: 82 Resp: 97873

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.4	56.0
54	48.5	41.6	62.4

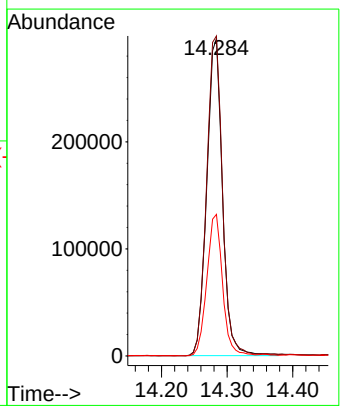


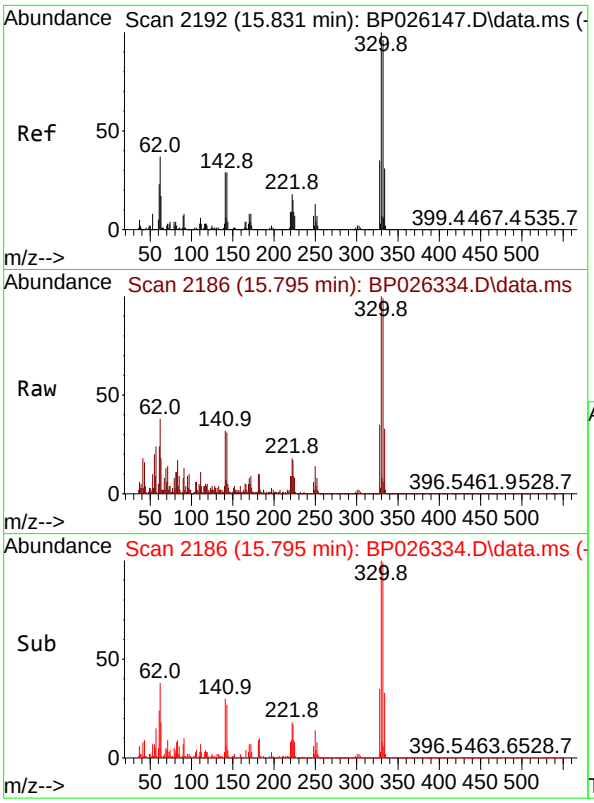


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:164 Resp: 493805

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.3	120.5
160	44.6	35.2	52.8



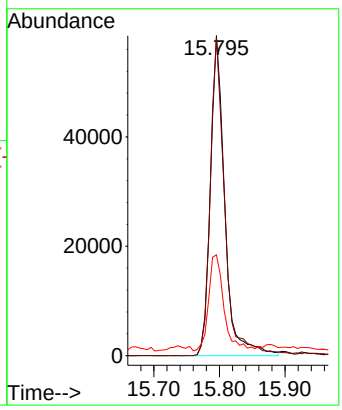


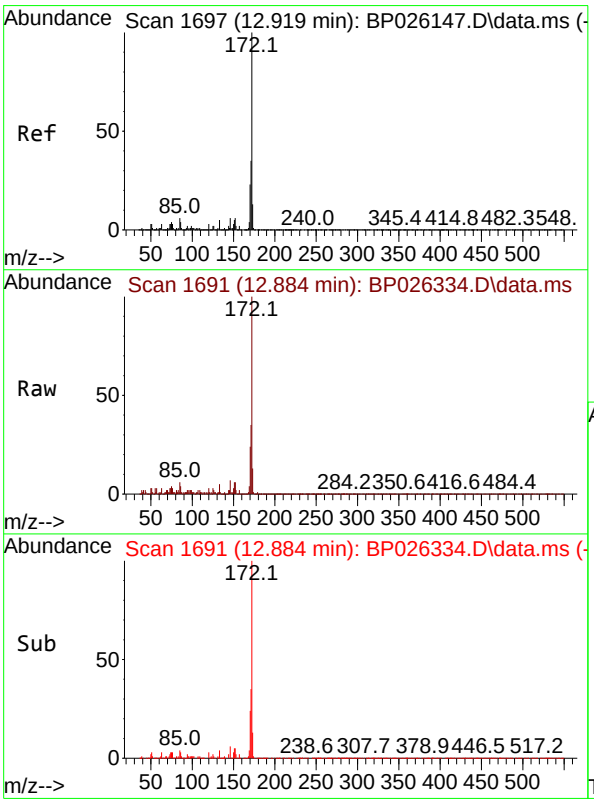
#42
2,4,6-Tribromophenol
Concen: 13.626 ng
RT: 15.795 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion:330 Resp: 89418

Ion	Ratio	Lower	Upper
330	100		
332	99.4	78.0	117.0
141	31.9	26.8	40.2

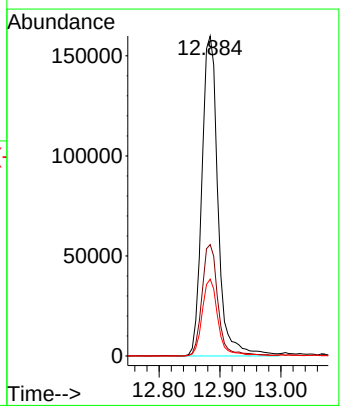


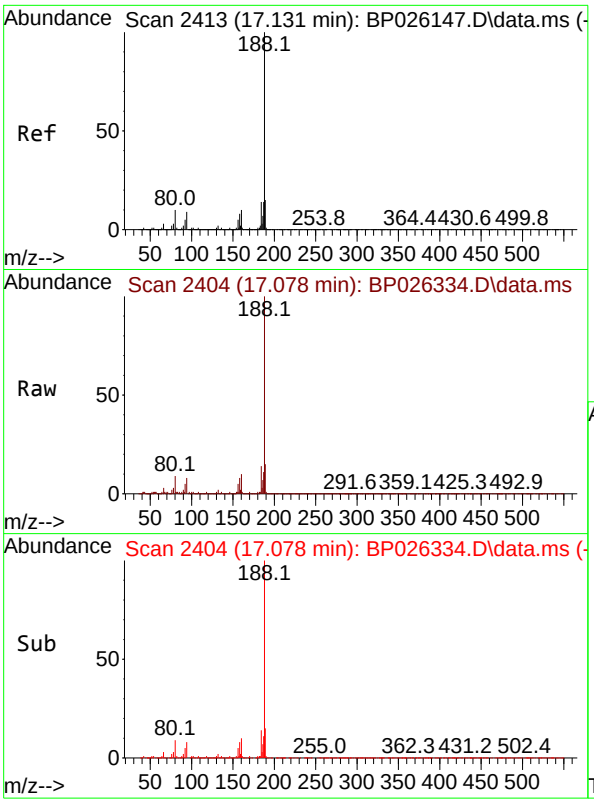


#45
2-Fluorobiphenyl
Concen: 8.599 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:172 Resp: 293717

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.4
170	24.0	18.7	28.1



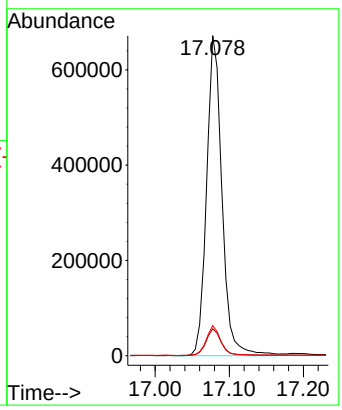


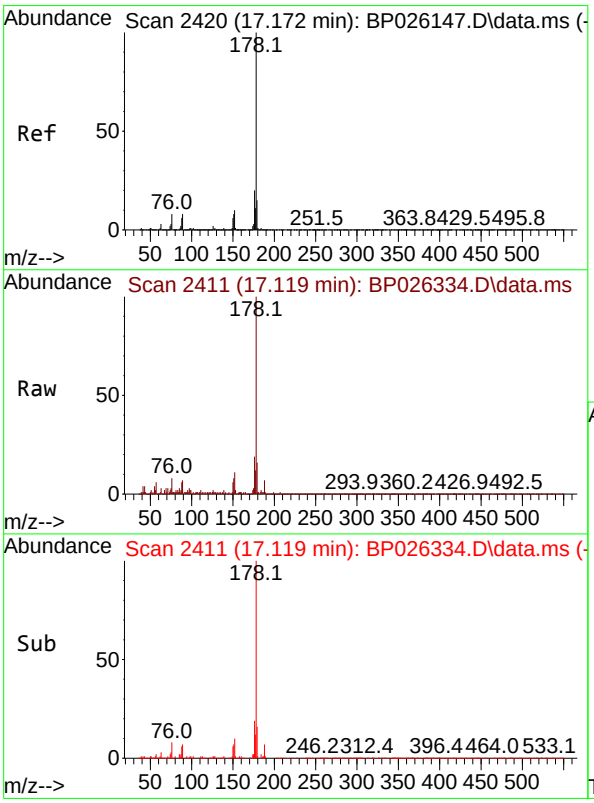
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.078 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion:188 Resp: 967267

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.8	11.6
80	9.4	8.2	12.2

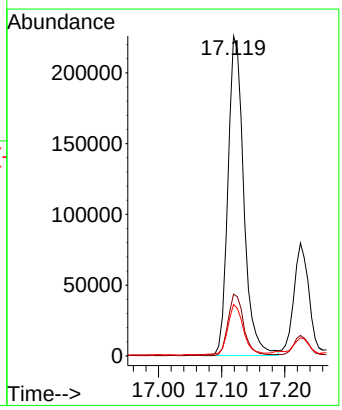


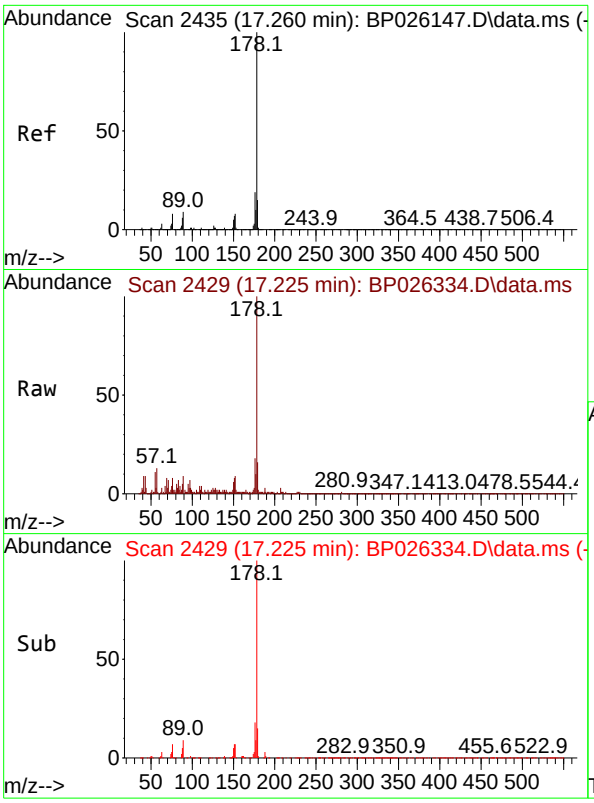


#71
Phenanthrene
Concen: 7.144 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:178 Resp: 391385

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.1	12.4	18.6



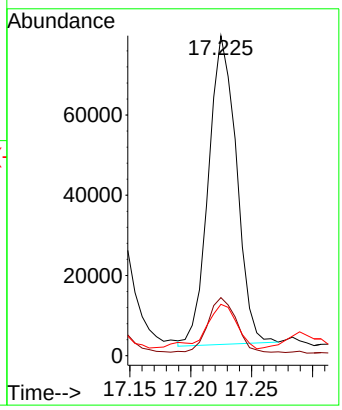


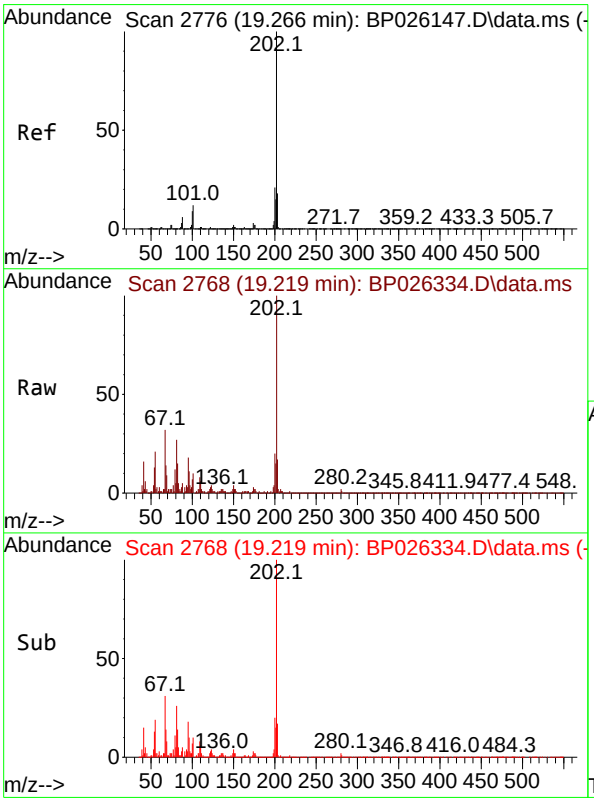
#72
Anthracene
Concen: 2.216 ng
RT: 17.225 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion:178 Resp: 123356

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	16.0	12.2	18.4

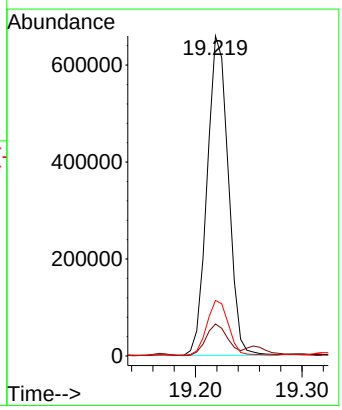


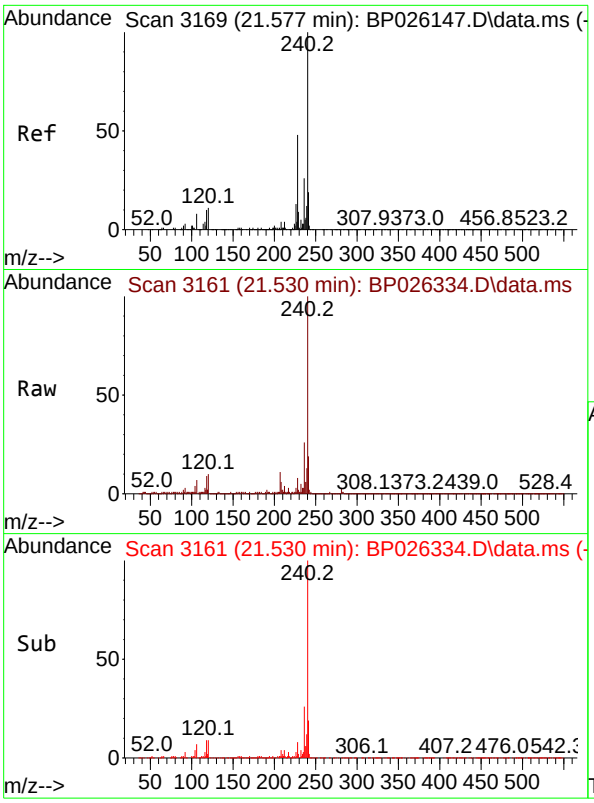


#75
Fluoranthene
Concen: 13.754 ng
RT: 19.219 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:202 Resp: 912531

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.2
203	17.3	0.0	37.7



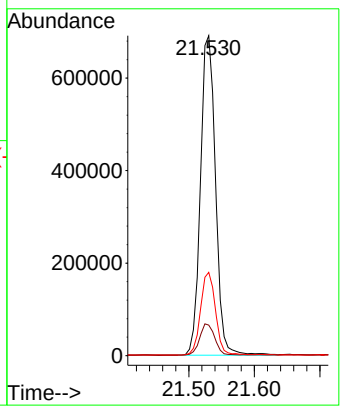


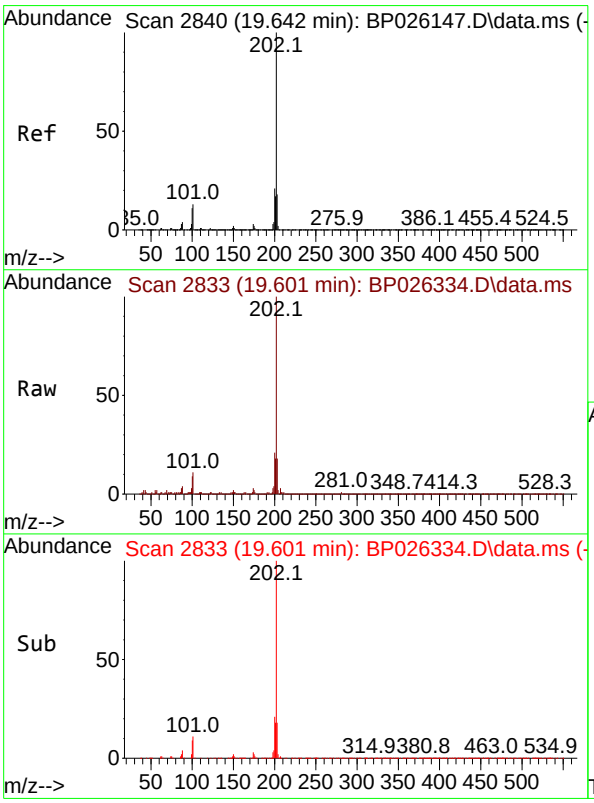
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion:240 Resp: 1108610

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.0	13.4
236	26.1	20.4	30.6

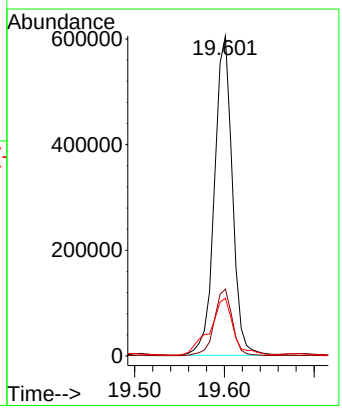


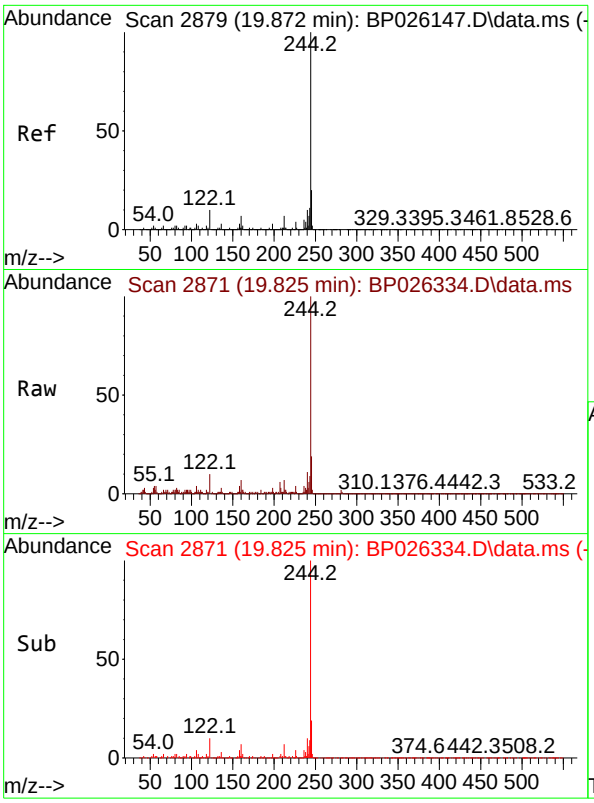


#78
Pyrene
Concen: 11.299 ng
RT: 19.601 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:202 Resp: 836186

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.0	13.8	20.8



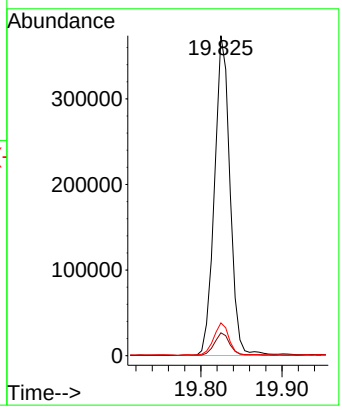


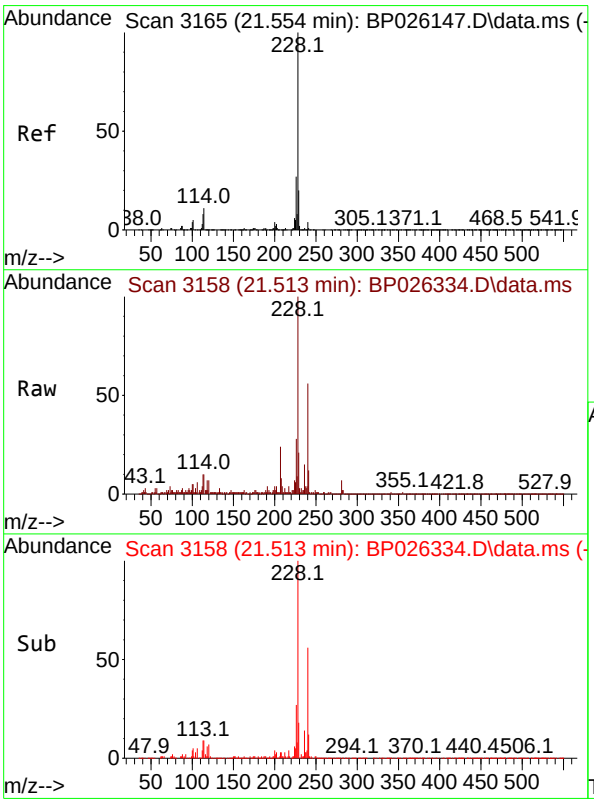
#79
Terphenyl-d14
Concen: 8.920 ng
RT: 19.825 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion:244 Resp: 496327

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.2	8.2	12.2

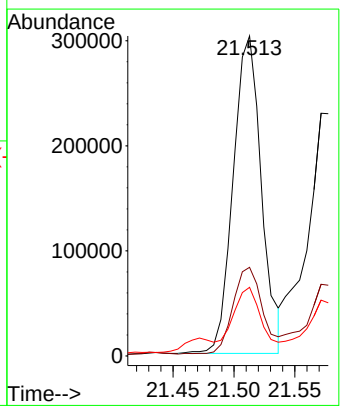


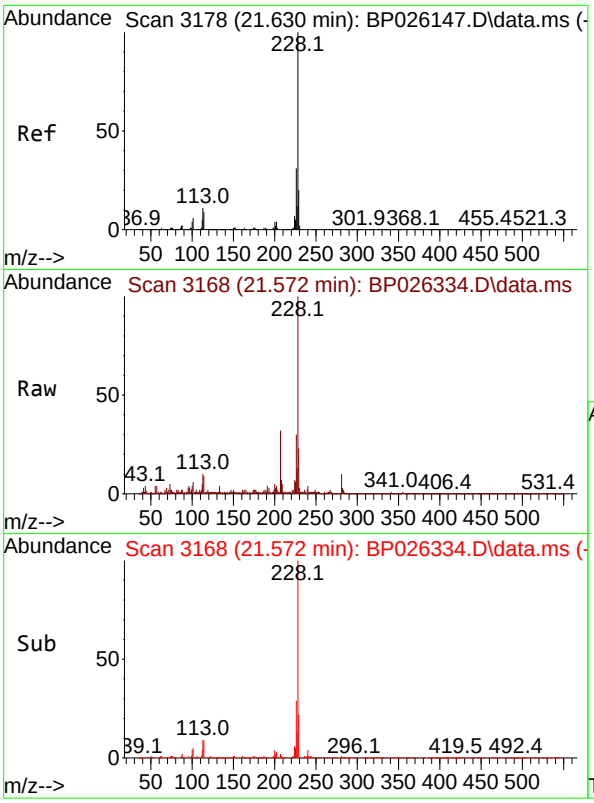


#81
Benzo(a)anthracene
Concen: 6.378 ng
RT: 21.513 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:228 Resp: 487510

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	21.5	15.9	23.9



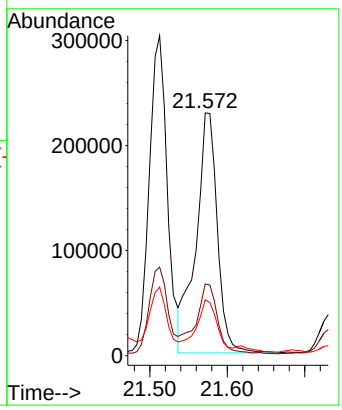


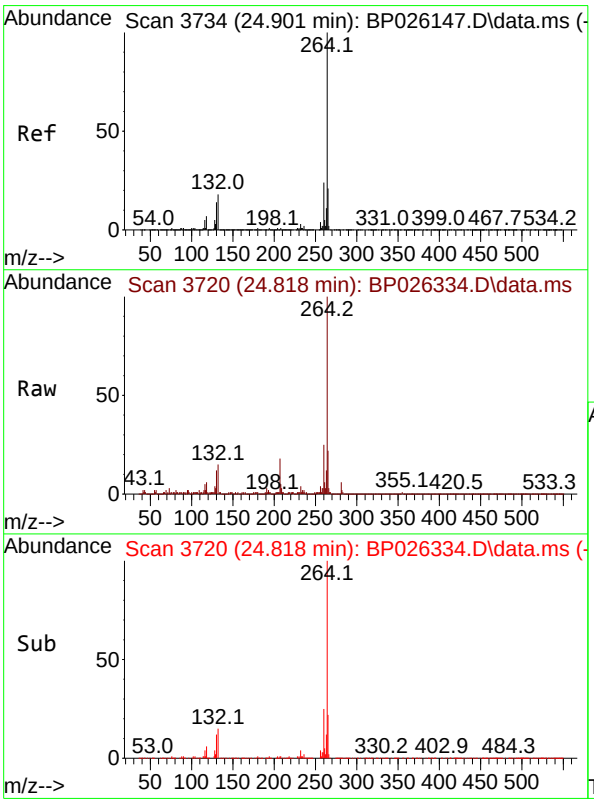
#83
Chrysene
Concen: 6.087 ng
RT: 21.572 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion:228 Resp: 439241

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	23.0	15.9	23.9

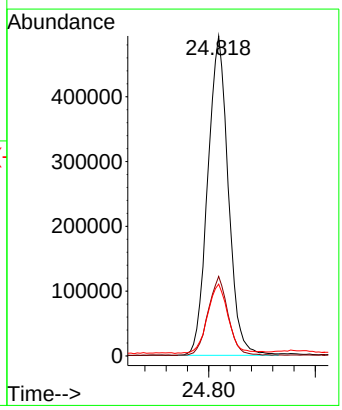


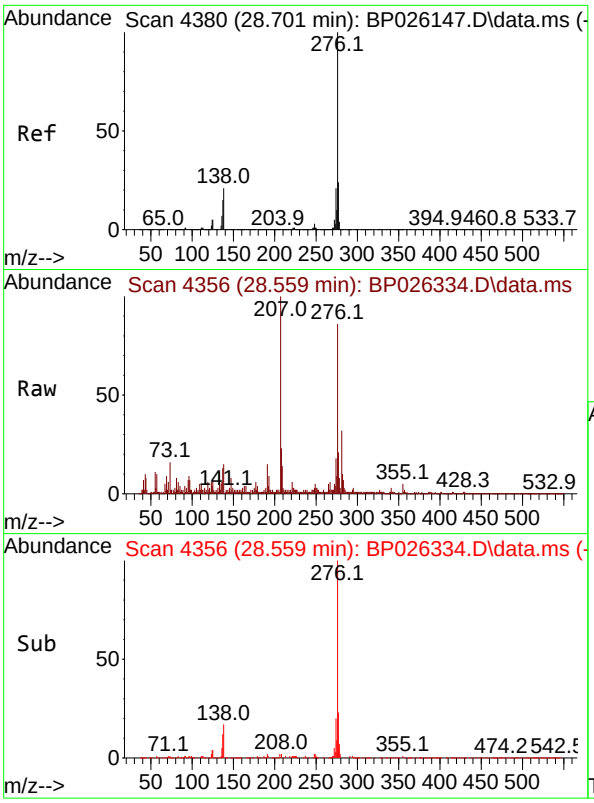


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.818 min Scan# 3720
Delta R.T. -0.018 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:264 Resp: 1316504

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	22.5	17.5	26.3



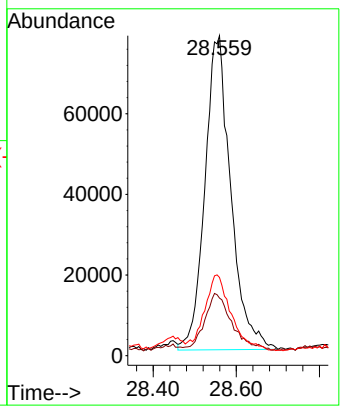


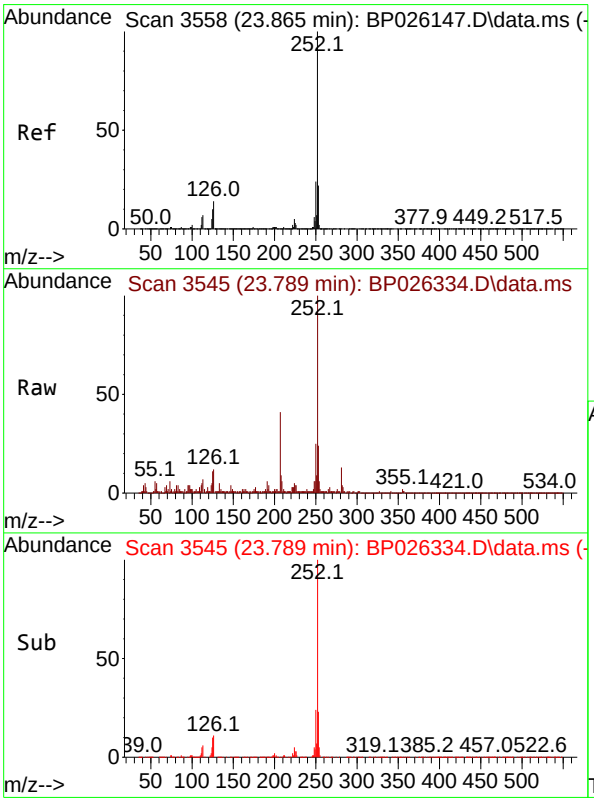
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.397 ng
RT: 28.559 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion:276 Resp: 336952

Ion	Ratio	Lower	Upper
276	100		
138	19.1	13.8	20.8
277	24.6	16.7	25.1

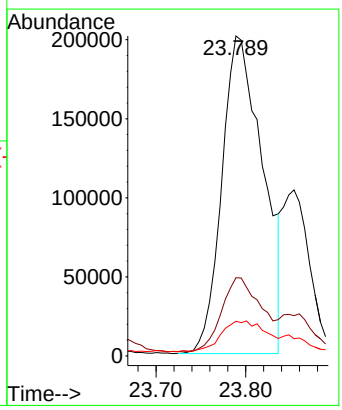


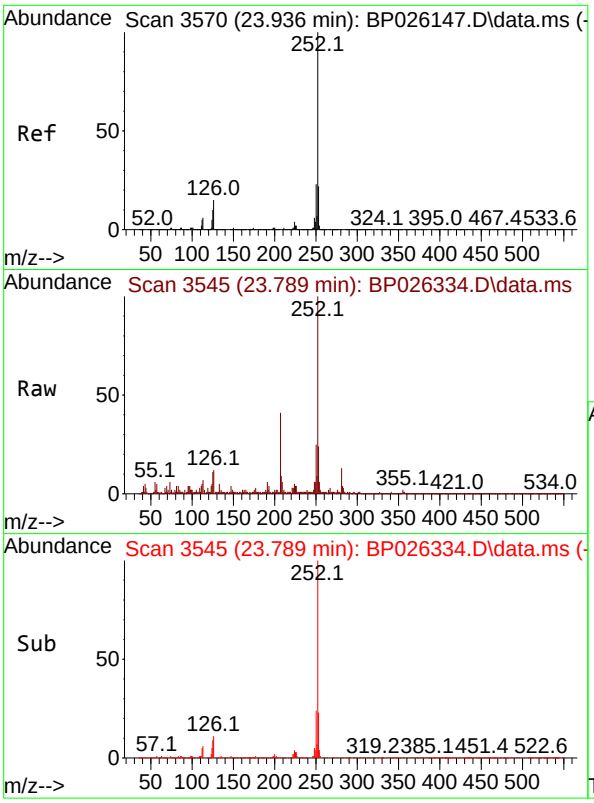


#88
Benzo(b)fluoranthene
Concen: 7.897 ng
RT: 23.789 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:252 Resp: 638080

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	10.9	8.2	12.4



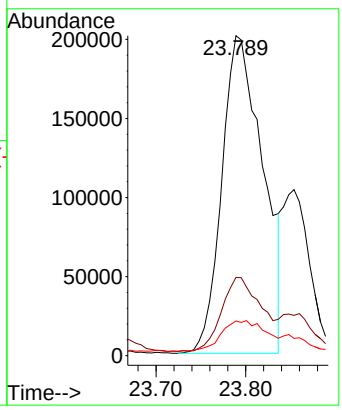


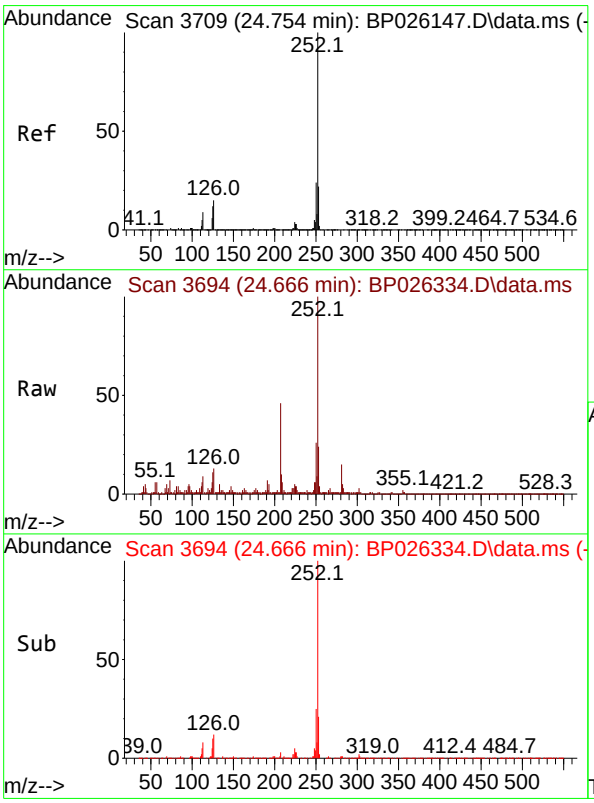
#89
Benzo(k)fluoranthene
Concen: 7.861 ng
RT: 23.789 min Scan# 3
Delta R.T. -0.076 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion:252 Resp: 638080

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	10.9	7.5	11.3

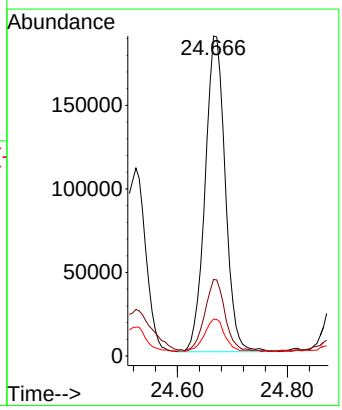


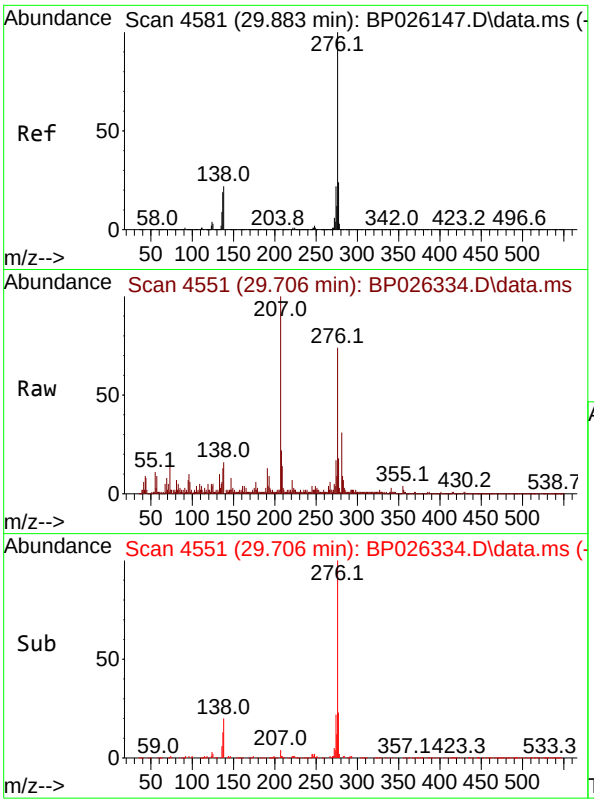


#90
Benzo(a)pyrene
Concen: 6.290 ng
RT: 24.666 min Scan# 3694
Delta R.T. -0.018 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Tgt Ion:252 Resp: 480890

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	11.5	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 4.009 ng
RT: 29.706 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026334.D
Acq: 15 Dec 2025 21:00

Instrument :
BNA_P
ClientSampleId :
EO-03-121225

Tgt Ion:276 Resp: 323296

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	21.7	17.8	26.6