Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Time: May 01 01:08:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	216386	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	863149	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	511968	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	884667	20.000	ng	0.00
76) Chrysene-d12	21.592	240	827372	20.000	ng	# 0.00
86) Perylene-d12	24.951	264	981725	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	502512	38.398	ng	-0.01
7) Phenol-d6	6.899	99	672568	37.532	ng	-0.01
23) Nitrobenzene-d5	8.857	82	415133	27.424	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	294406	41.563	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	958739	28.672	ng	-0.01
79) Terphenyl-d14	19.874	244	1180725	28.765	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.804	117	24779	4.296	ng	# 1
22) Acetophenone	8.504	105	80490	3.768	ng	# 60
32) Benzoic acid	9.775	122	35932	3.351	ng	# 76
49) Acenaphthylene	14.063	152	128929	2.912	ng	95
63) Azobenzene	15.722	77	133943	3.798	ng	# 1
71) Phenanthrene	17.186	178	683481	14.162	ng	99
72) Anthracene	17.280	178	206027	4.429	ng	98
75) Fluoranthene	19.274	202	1716406	29.903	ng	97
78) Pyrene	19.657	202	1595672	30.347	ng	99
81) Benzo(a)anthracene	21.574	228	949473	18.463	ng	98
83) Chrysene	21.645	228	870831	17.675	ng	97
87) Indeno(1,2,3-cd)pyrene	28.756	276	799054	11.724	ng	99
88) Benzo(b)fluoranthene	23.892	252	1339110	22.756	ng	98
89) Benzo(k)fluoranthene	23.892	252	1339110	23.559	ng	98
90) Benzo(a)pyrene	24.633	252	654271	12.890	ng	97
91) Dibenzo(a,h)anthracene	28.815	278	196218	3.469	ng	# 89
92) Benzo(g,h,i)perylene	29.933	276	774322	13.447	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
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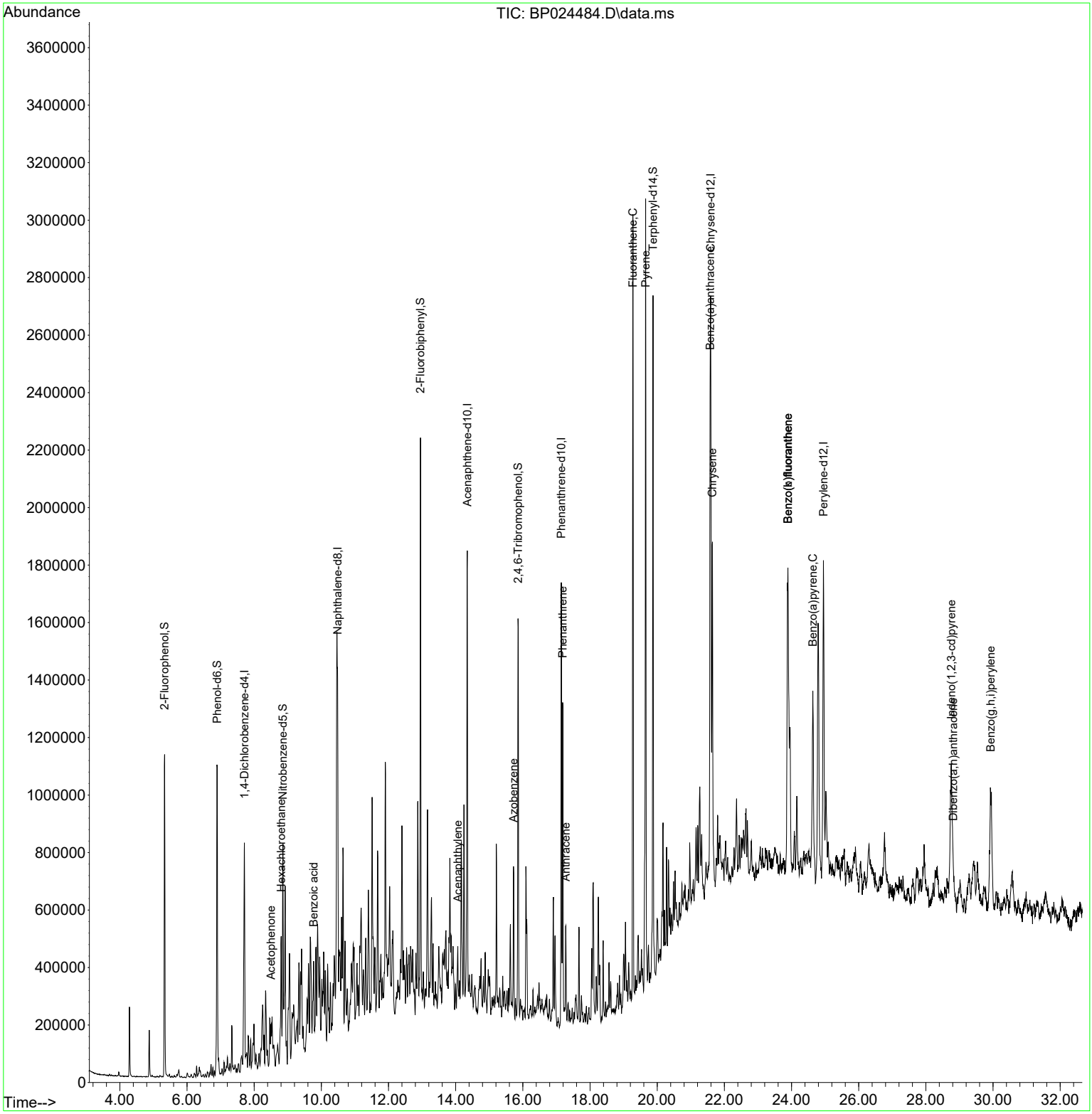
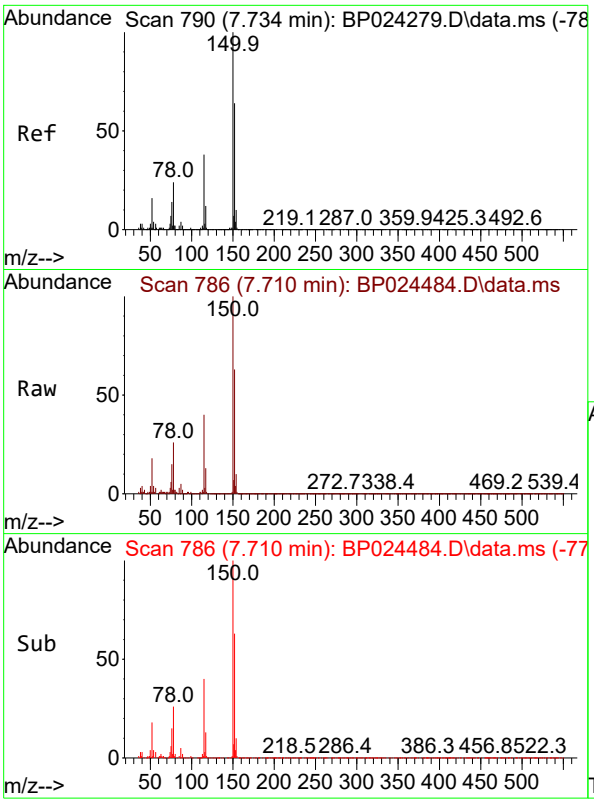
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Time: May 01 01:08:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



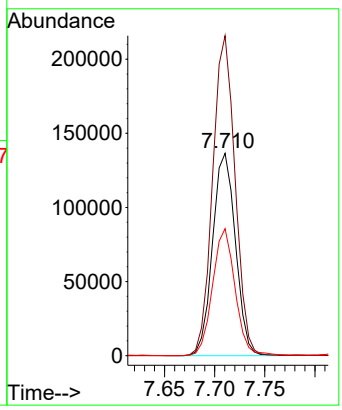


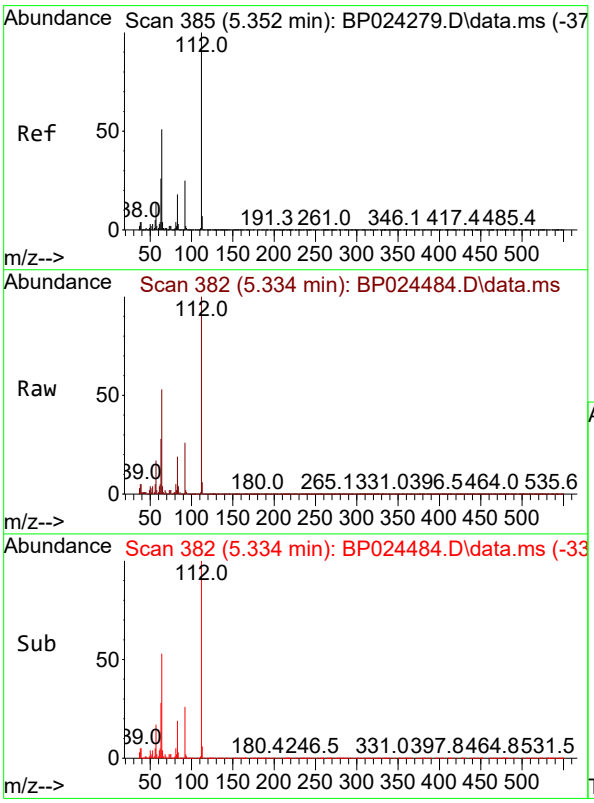
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:152 Resp: 216386

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.9	187.3
115	62.8	47.7	71.5

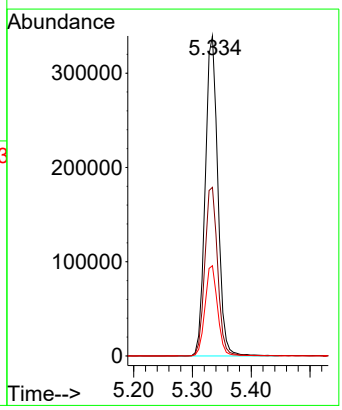


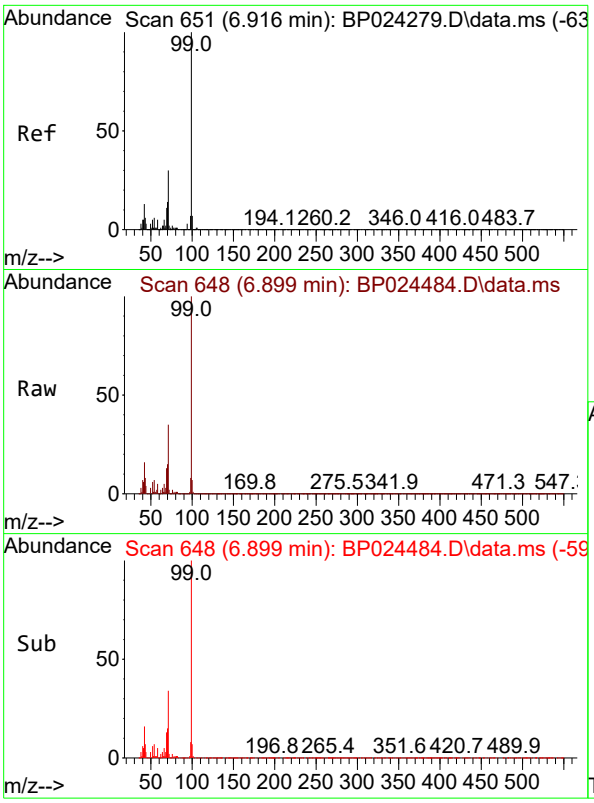


#5
2-Fluorophenol
Concen: 38.398 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:112 Resp: 502512

Ion	Ratio	Lower	Upper
112	100		
64	52.7	41.1	61.7
63	28.2	20.6	30.8



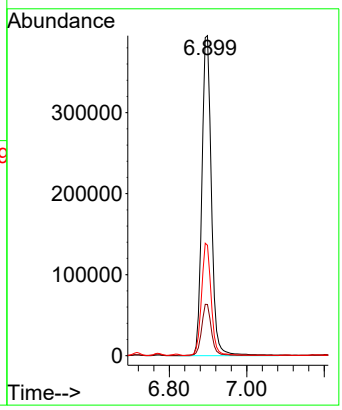


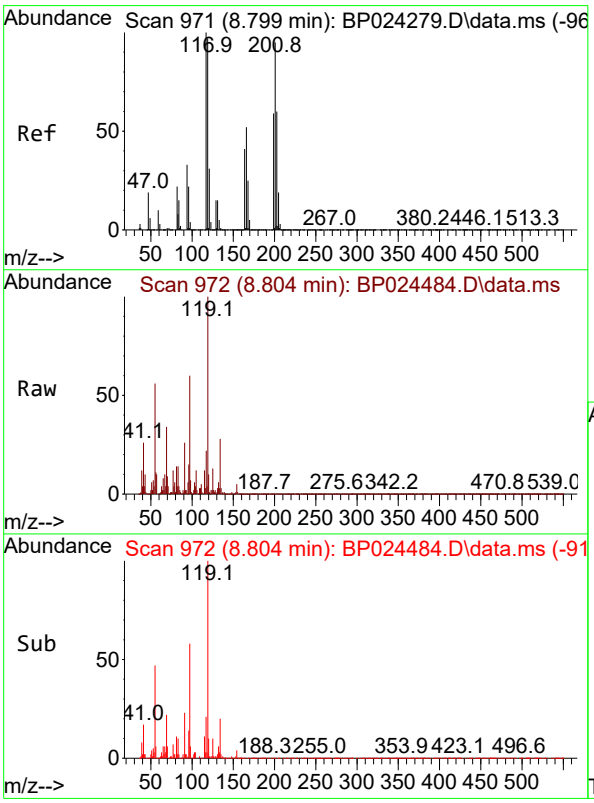
#7
Phenol-d6
Concen: 37.532 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion: 99 Resp: 672568

Ion	Ratio	Lower	Upper
99	100		
42	16.0	10.6	16.0#
71	34.5	23.7	35.5

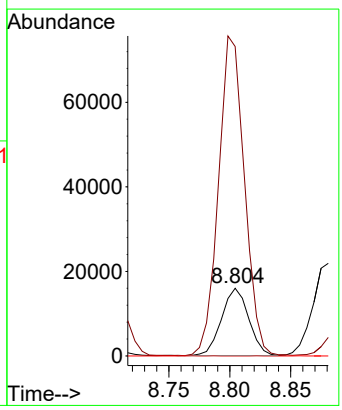


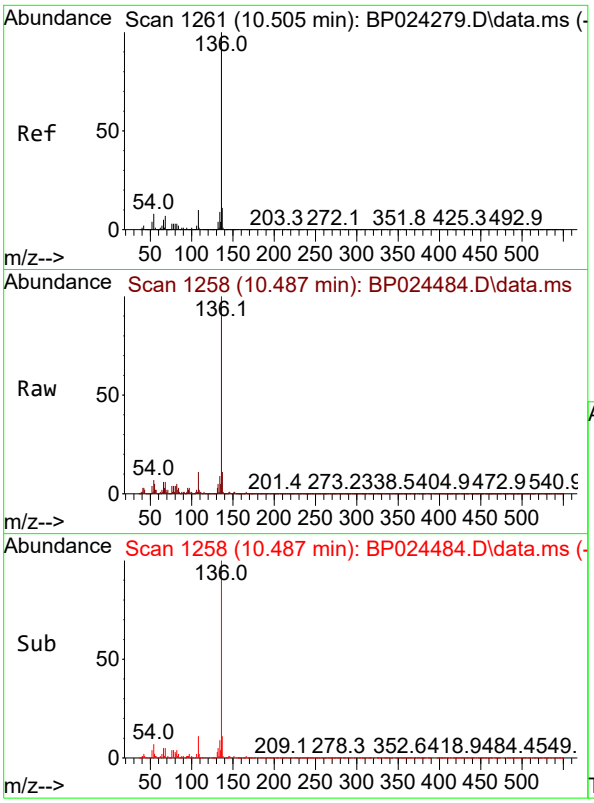


#18
Hexachloroethane
Concen: 4.296 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.012 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:117 Resp: 24779

Ion	Ratio	Lower	Upper
117	100		
119	457.0	77.8	116.6#
201	0.1	75.9	113.9#



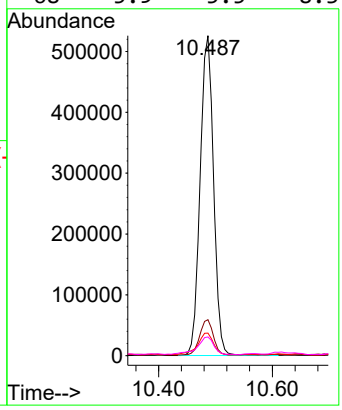


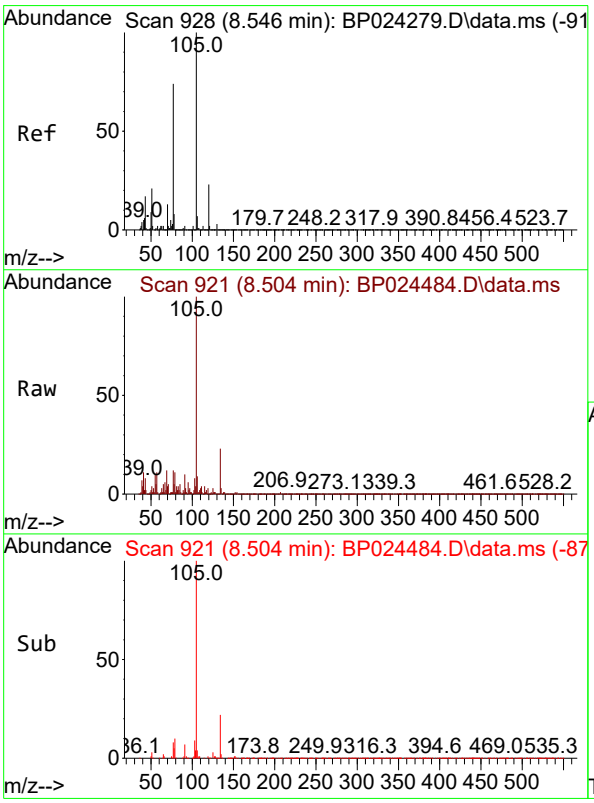
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:136 Resp: 863149

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.1	6.0	9.0
68	5.9	5.5	8.3

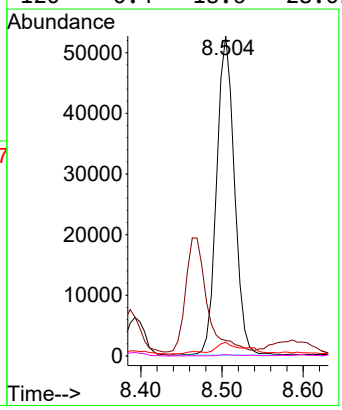


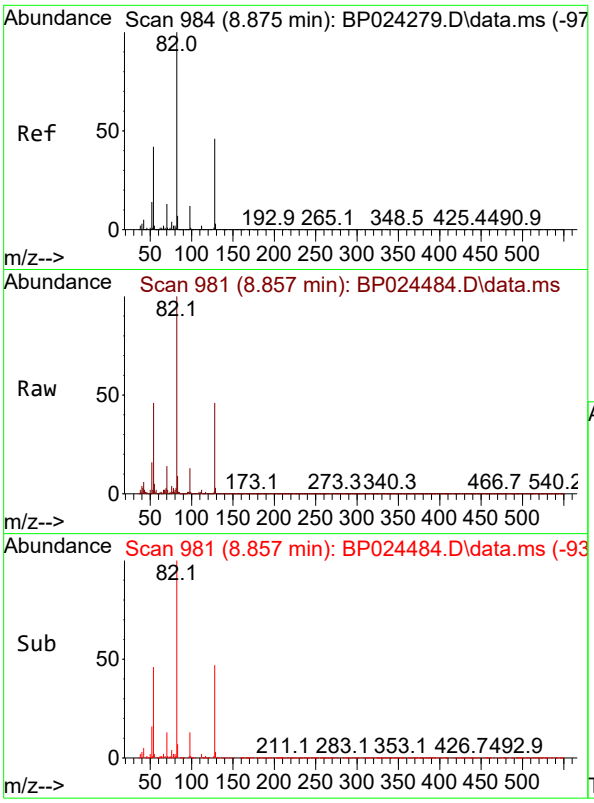


#22
Acetophenone
Concen: 3.768 ng
RT: 8.504 min Scan# 921
Delta R.T. -0.035 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:105 Resp: 80490

Ion	Ratio	Lower	Upper
105	100		
71	4.9	1.7	2.5#
51	4.3	16.9	25.3#
120	0.4	18.6	28.0#



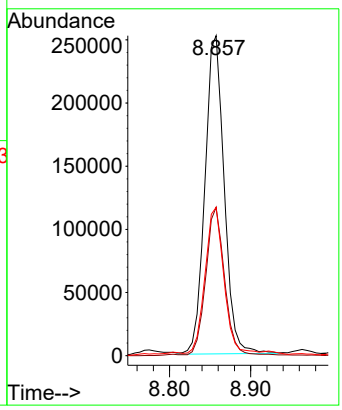


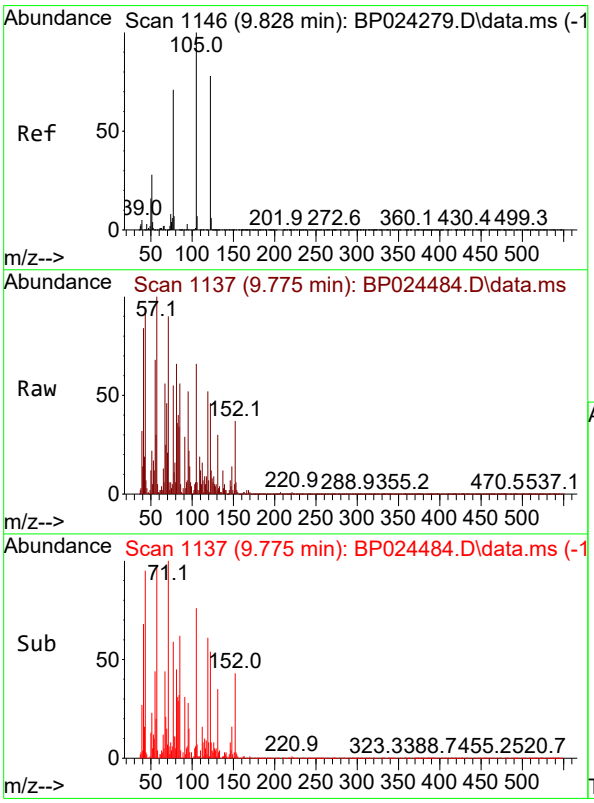
#23
Nitrobenzene-d5
Concen: 27.424 ng
RT: 8.857 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion: 82 Resp: 415133

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	46.4	33.4	50.2

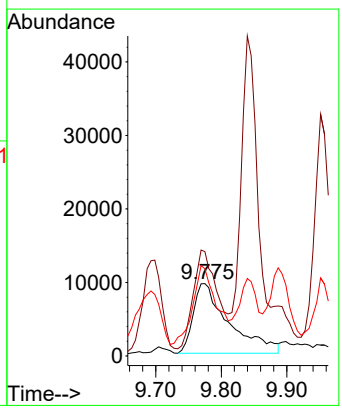


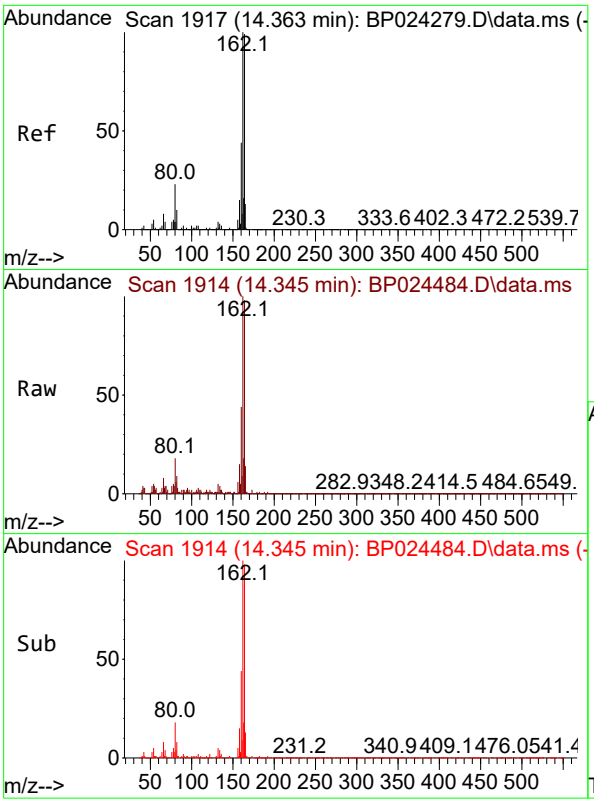


#32
Benzoic acid
Concen: 3.351 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.047 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:122 Resp: 35932

Ion	Ratio	Lower	Upper
122	100		
105	144.2	104.8	144.8
77	120.6	69.2	109.2#



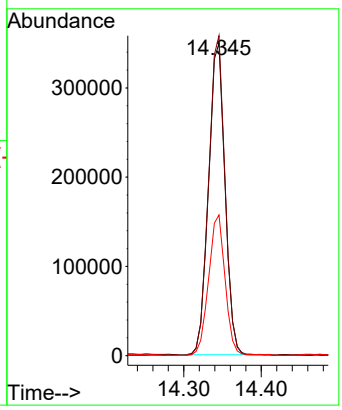


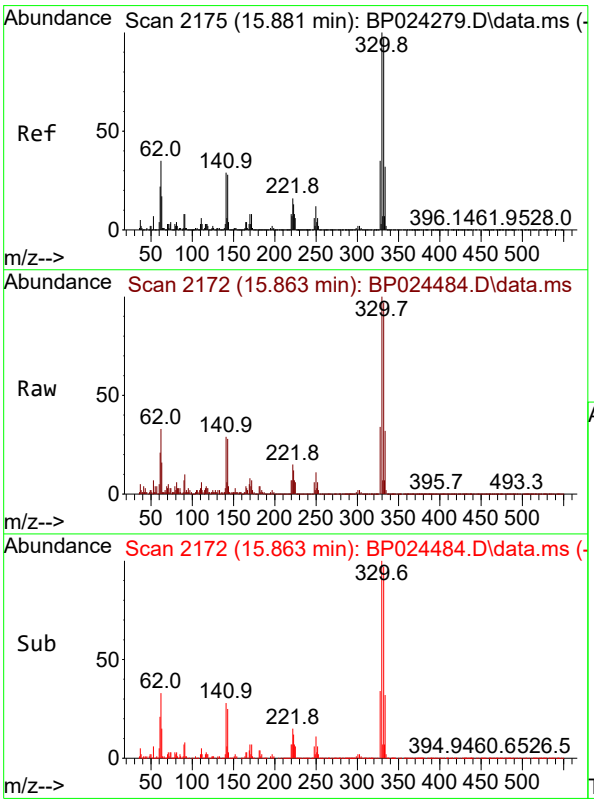
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:164 Resp: 511968

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	45.1	35.3	52.9

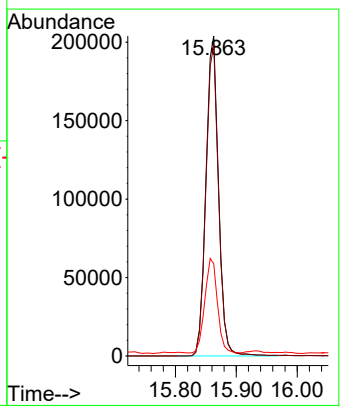


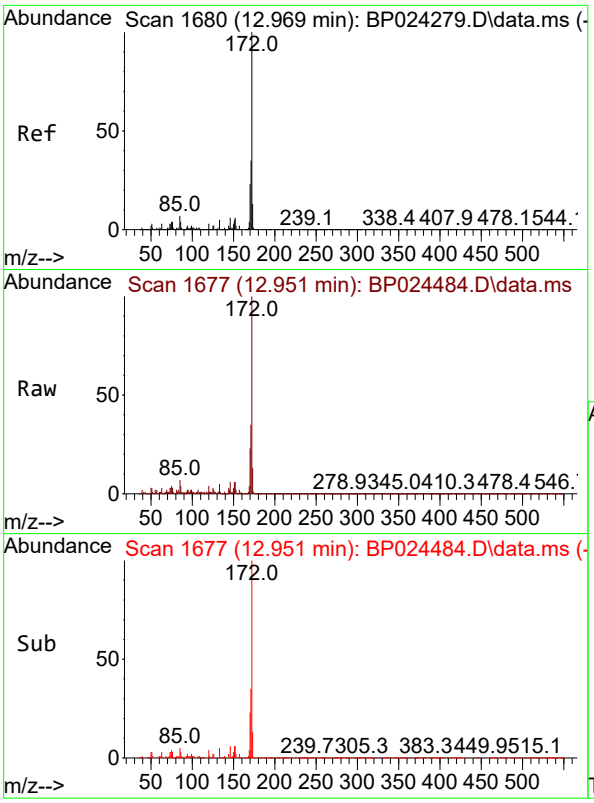


#42
2,4,6-Tribromophenol
Concen: 41.563 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:330 Resp: 294406

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	29.4	24.7	37.1



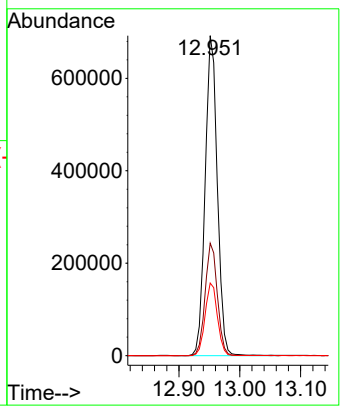


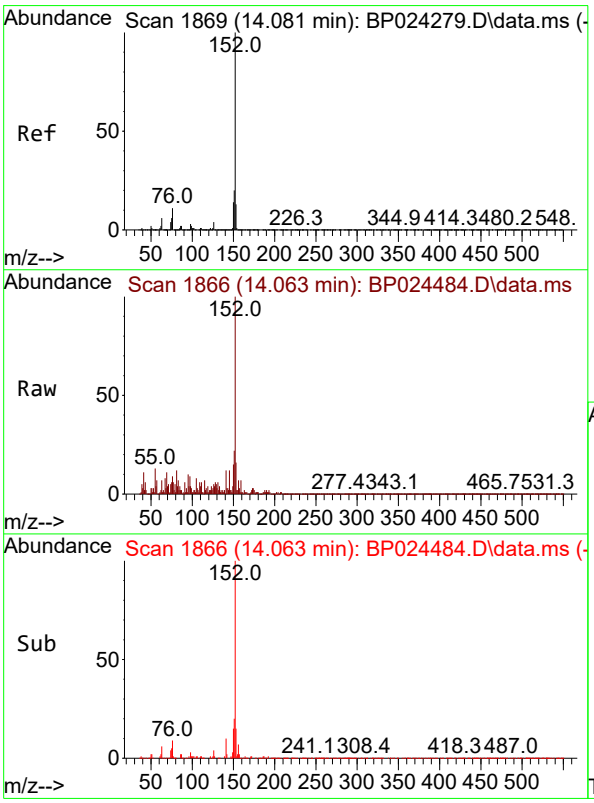
#45
2-Fluorobiphenyl
Concen: 28.672 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:172 Resp: 958739

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	22.7	18.6	27.8

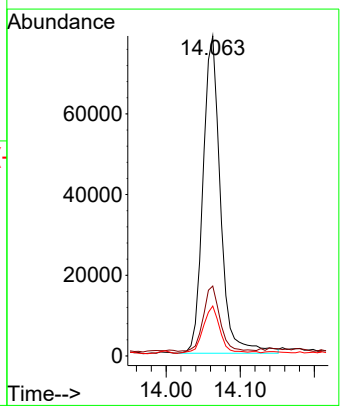


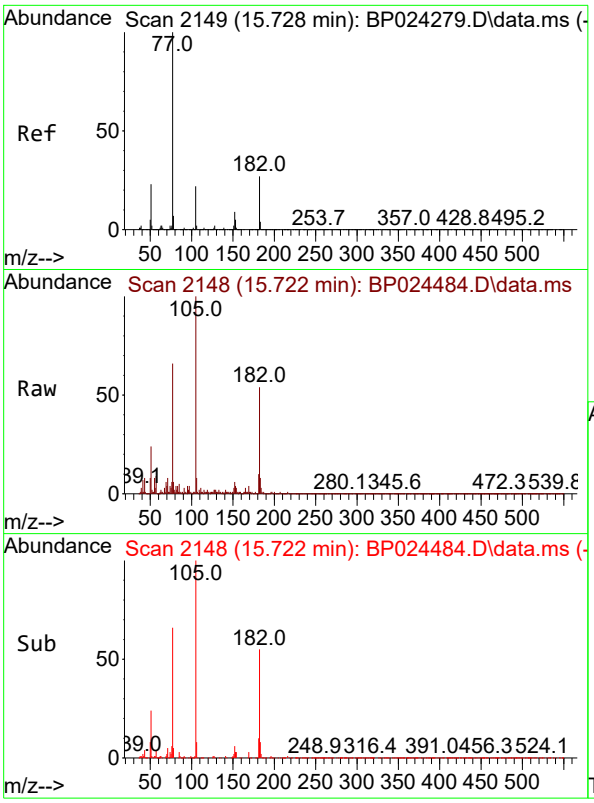


#49
Acenaphthylene
Concen: 2.912 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:152 Resp: 128929

Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.9	23.9
153	15.6	10.6	15.8



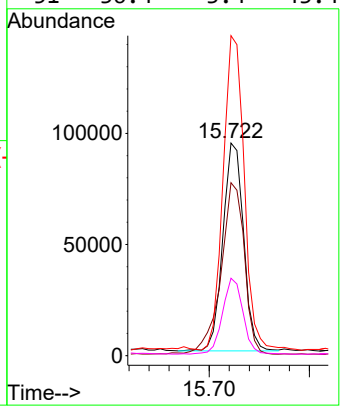


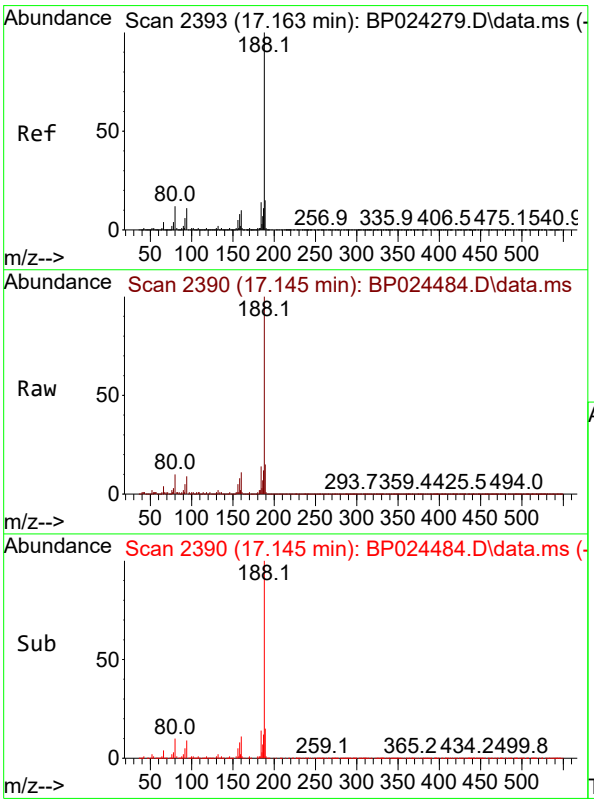
#63
Azobenzene
Concen: 3.798 ng
RT: 15.722 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion: 77 Resp: 133943

Ion	Ratio	Lower	Upper
77	100		
182	81.3	7.3	47.3#
105	150.5	2.3	42.3#
51	36.4	3.4	43.4

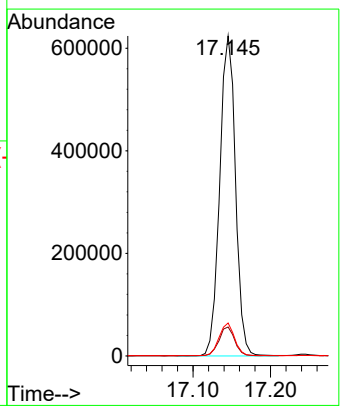


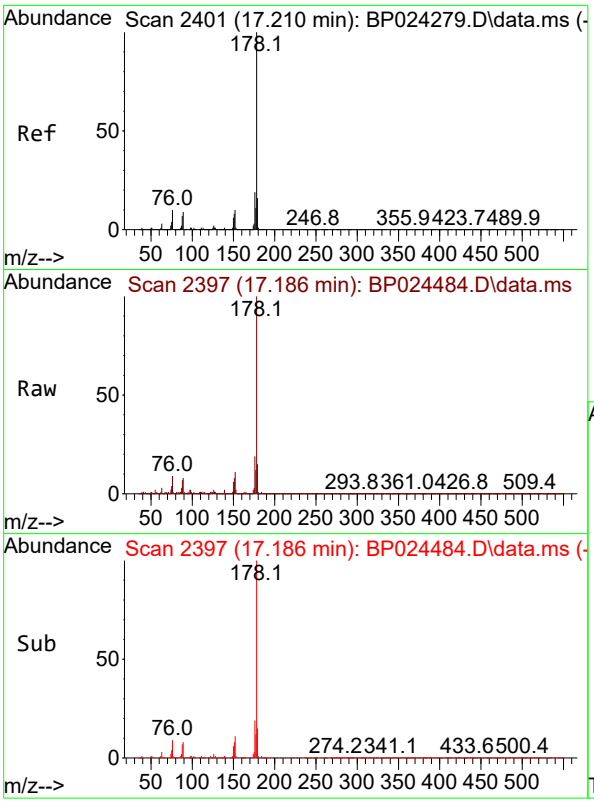


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:188 Resp: 884667

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.6	13.0
80	10.3	9.8	14.6



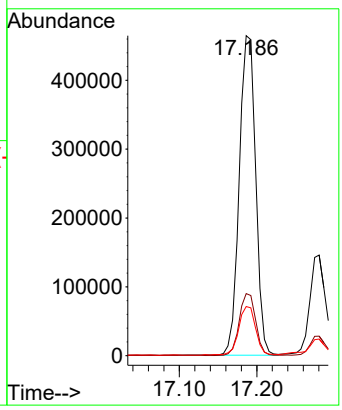


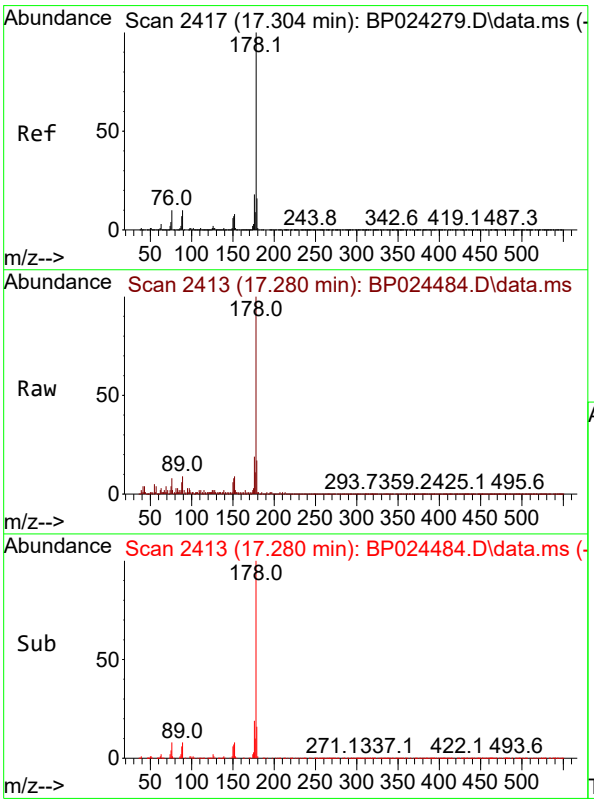
#71
Phenanthrene
Concen: 14.162 ng
RT: 17.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:178 Resp: 683481

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.3	12.5	18.7

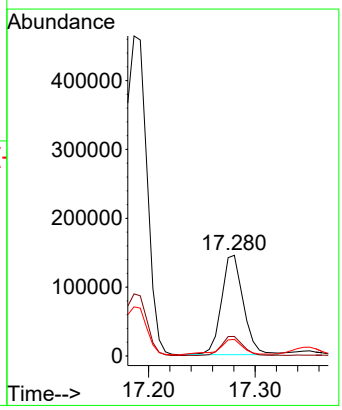


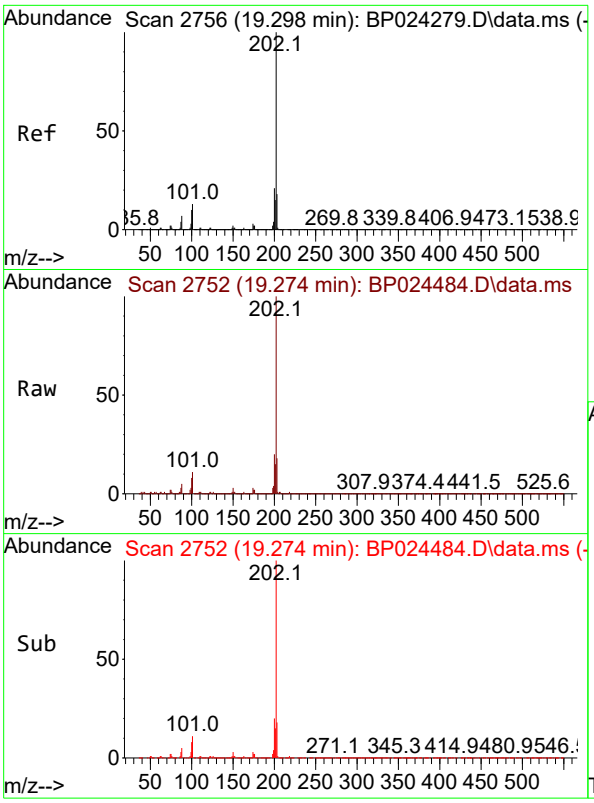


#72
Anthracene
Concen: 4.429 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:178 Resp: 206027

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.7	22.1
179	16.6	12.4	18.6



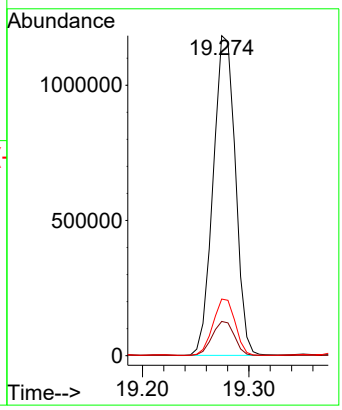


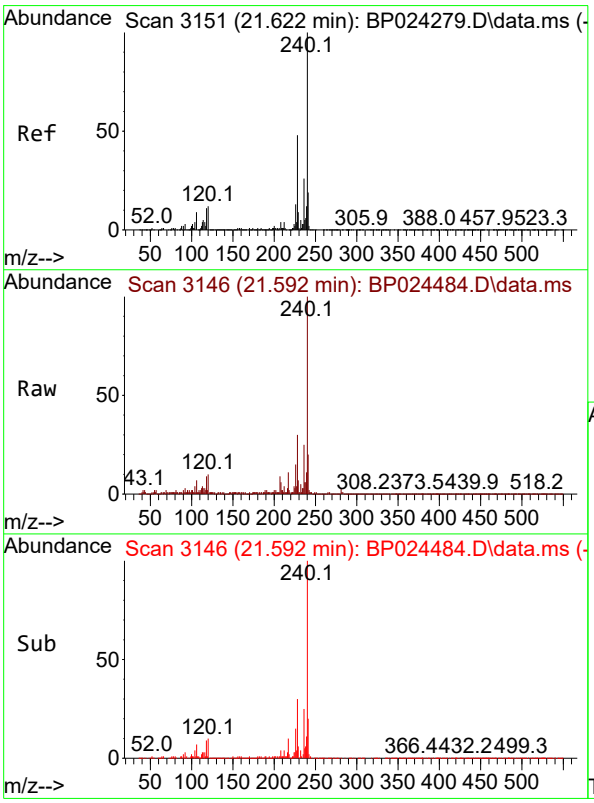
#75
Fluoranthene
Concen: 29.903 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:202 Resp: 1716406

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.2
203	17.7	0.0	37.7

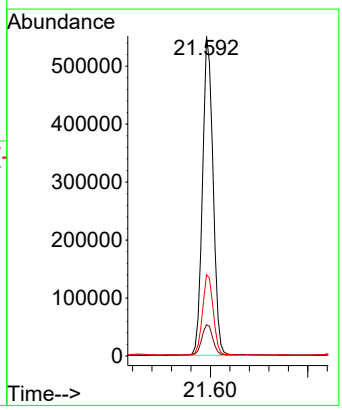


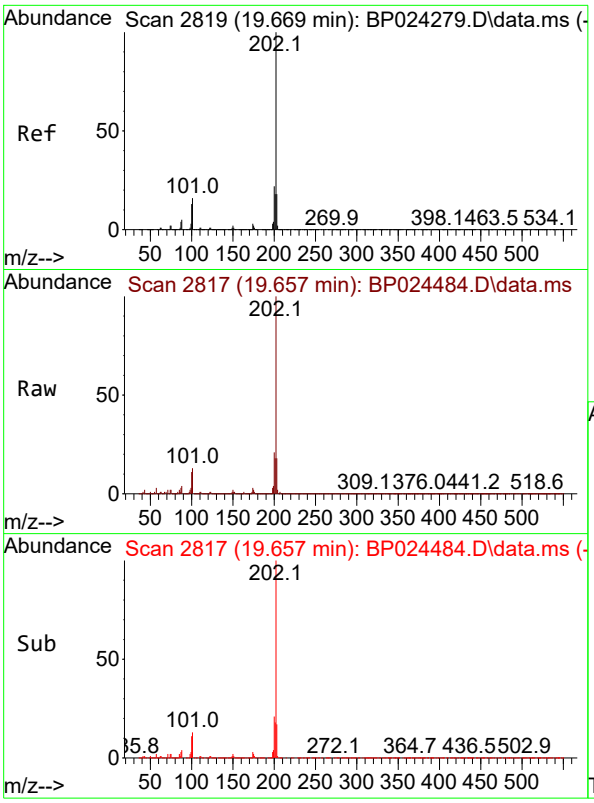


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:240 Resp: 827372

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.8	14.8#
236	25.4	20.9	31.3



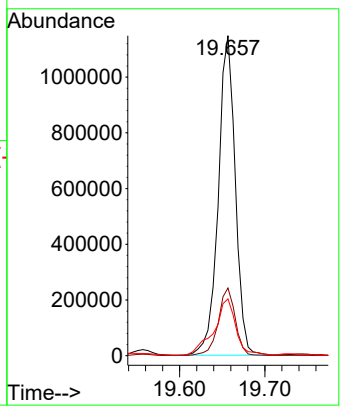


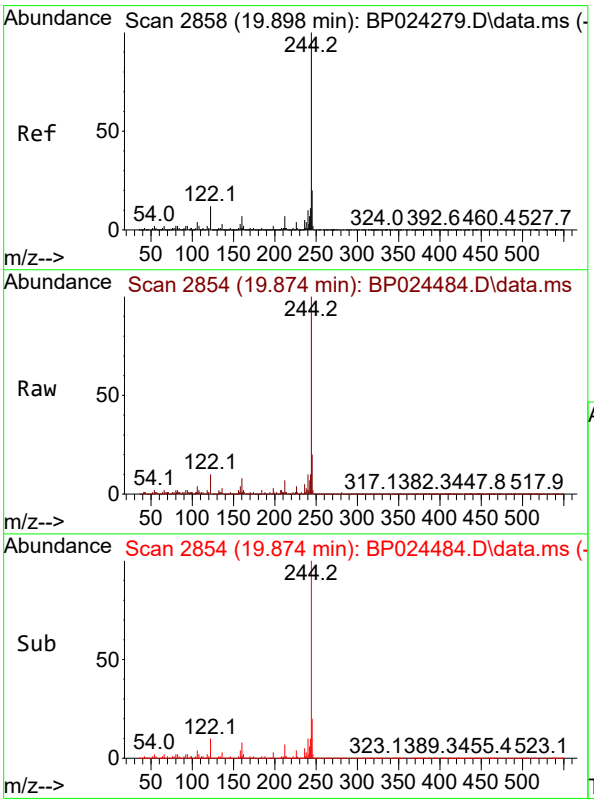
#78
Pyrene
Concen: 30.347 ng
RT: 19.657 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:202 Resp: 1595672

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.7	14.4	21.6

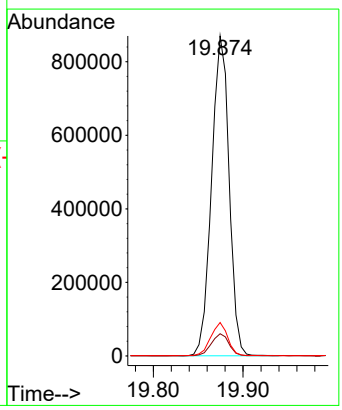


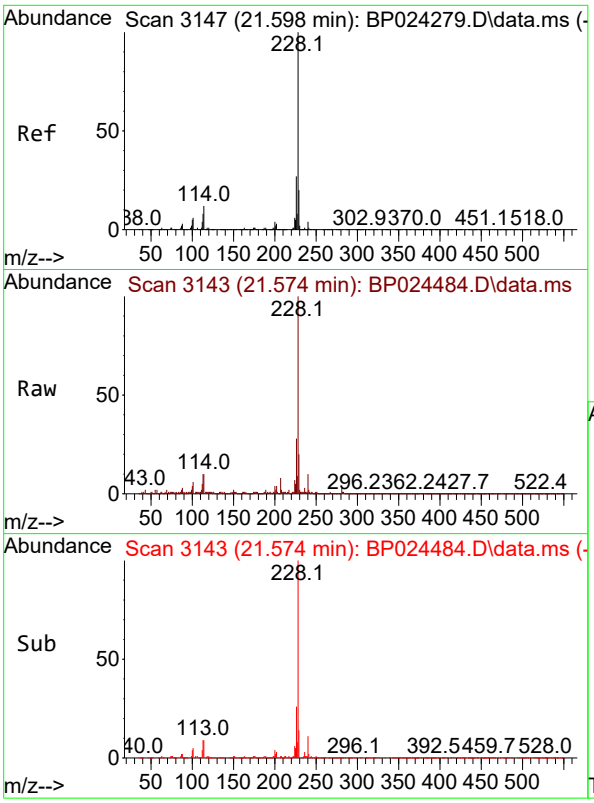


#79
Terphenyl-d14
Concen: 28.765 ng
RT: 19.874 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:244 Resp: 1180725

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.5	9.4	14.0



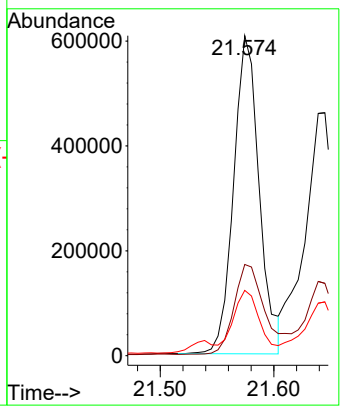


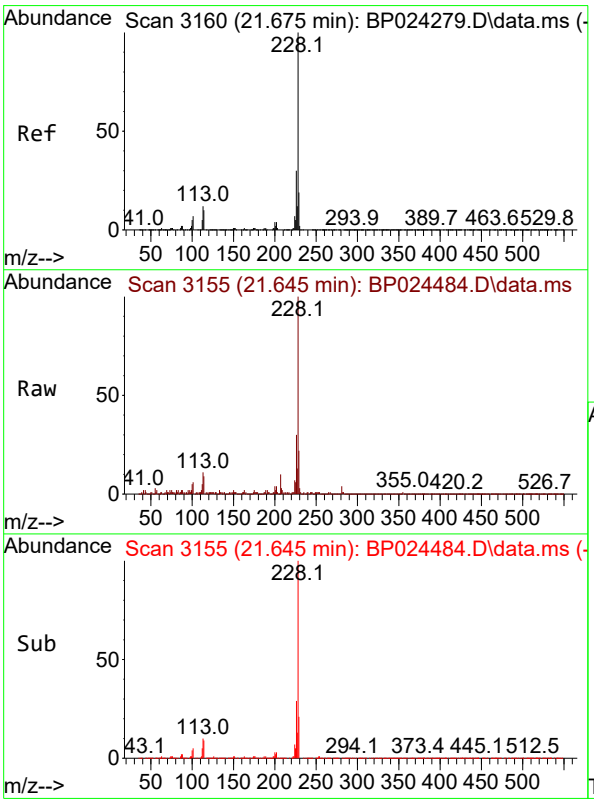
#81
Benzo(a)anthracene
Concen: 18.463 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:228 Resp: 949473

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.8
229	20.4	15.9	23.9

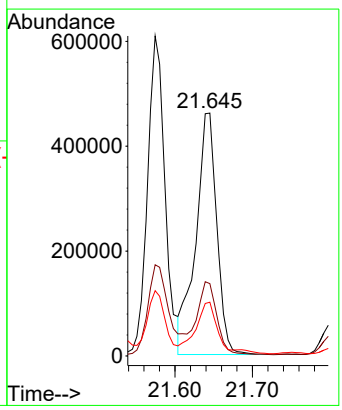


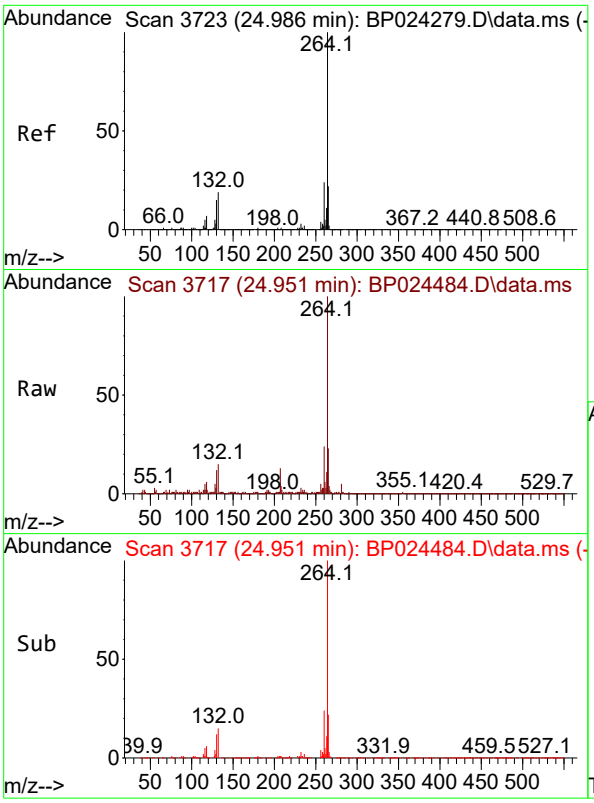


#83
Chrysene
Concen: 17.675 ng
RT: 21.645 min Scan# 3155
Delta R.T. 0.006 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:228 Resp: 870831

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	22.1	15.6	23.4



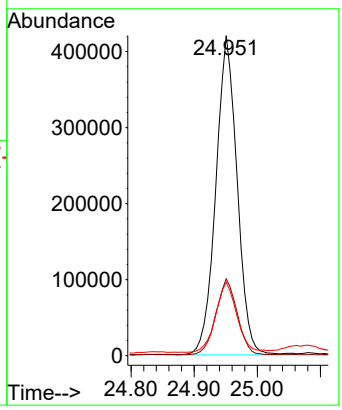


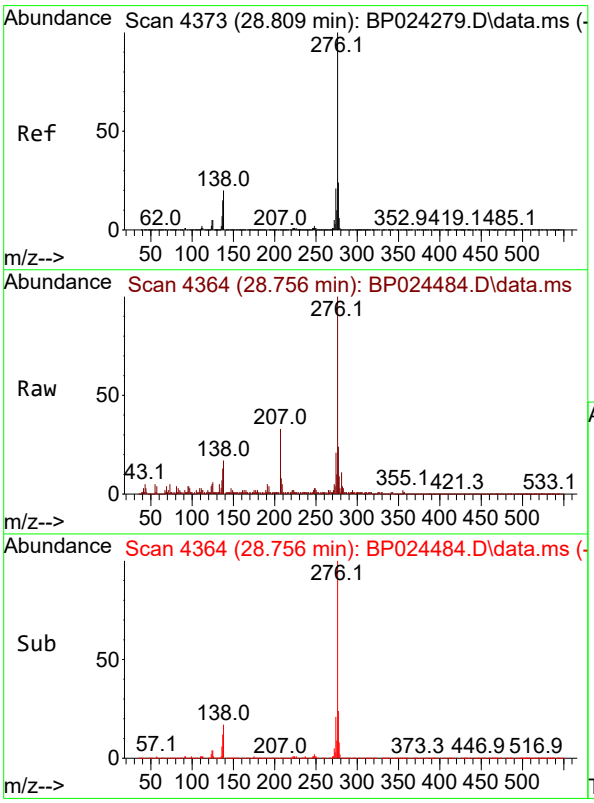
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.951 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:264 Resp: 981725

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	23.0	17.8	26.6

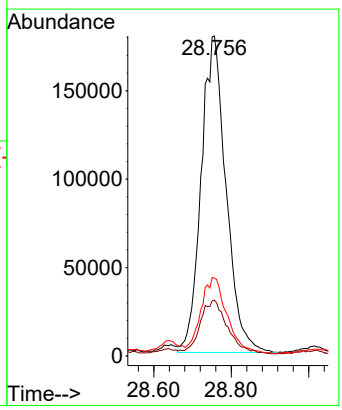


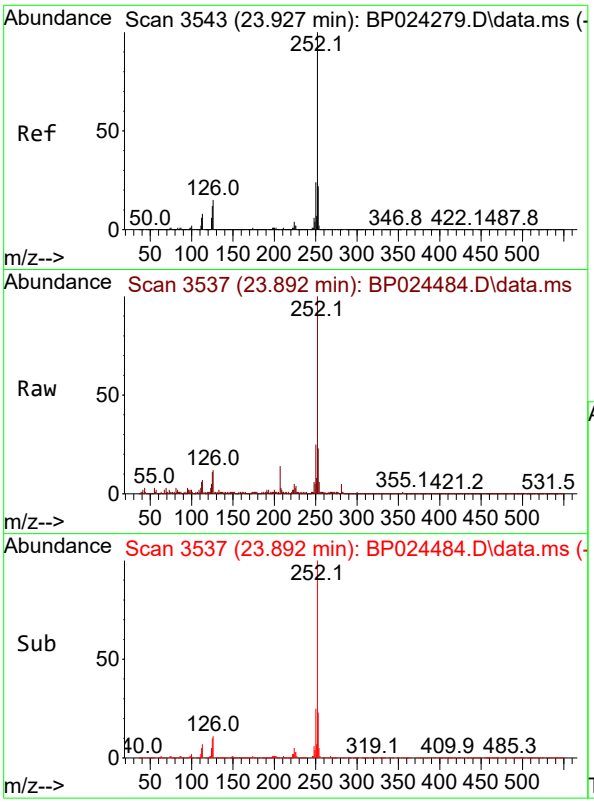


#87
Indeno(1,2,3-cd)pyrene
Concen: 11.724 ng
RT: 28.756 min Scan# 4364
Delta R.T. 0.018 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:276 Resp: 799054

Ion	Ratio	Lower	Upper
276	100		
138	18.5	14.5	21.7
277	25.3	20.2	30.2



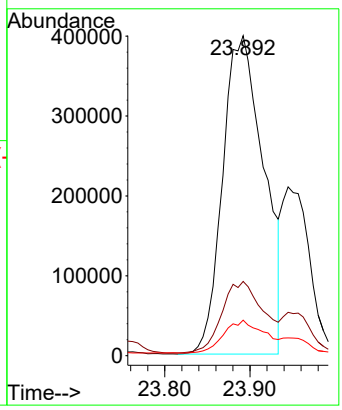


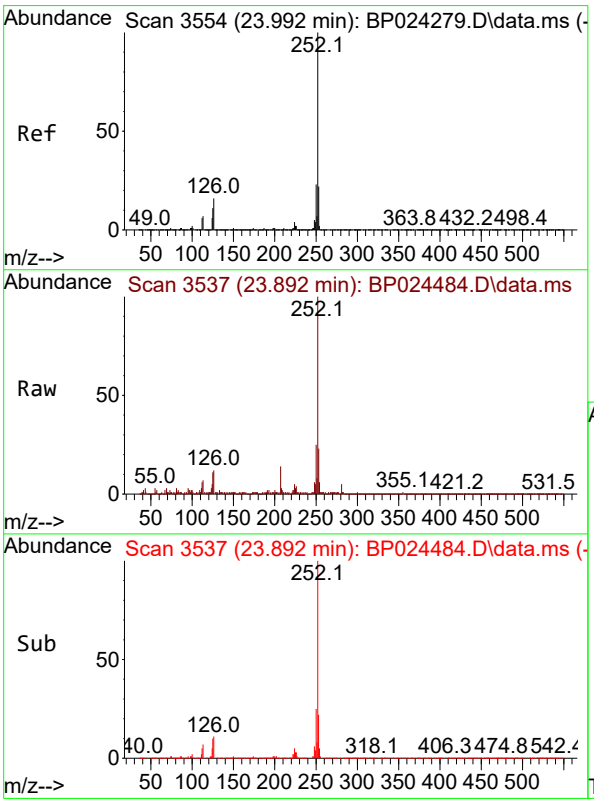
#88
Benzo(b)fluoranthene
Concen: 22.756 ng
RT: 23.892 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:252 Resp: 1339110

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	11.1	9.4	14.0

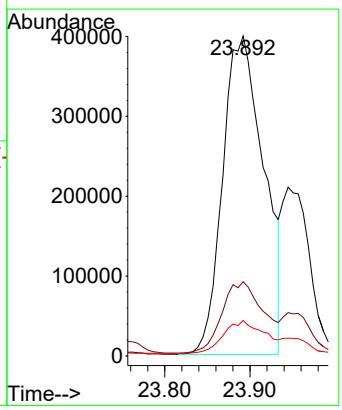


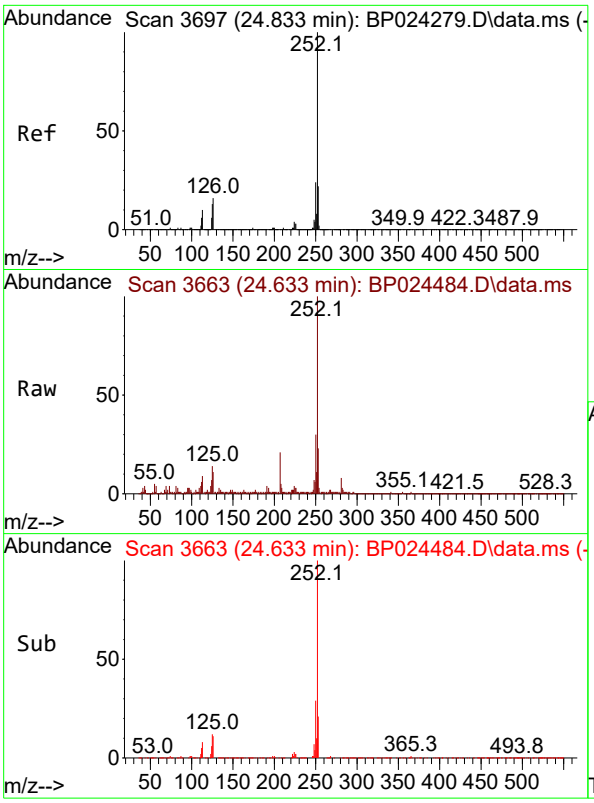


#89
Benzo(k)fluoranthene
Concen: 23.559 ng
RT: 23.892 min Scan# 3537
Delta R.T. -0.065 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:252 Resp: 1339110

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	11.1	9.1	13.7



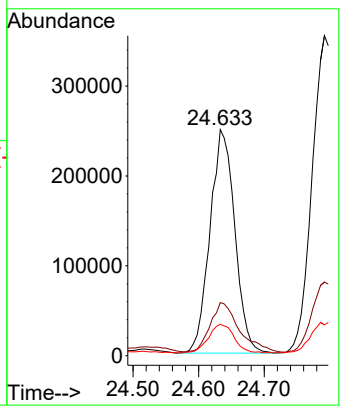


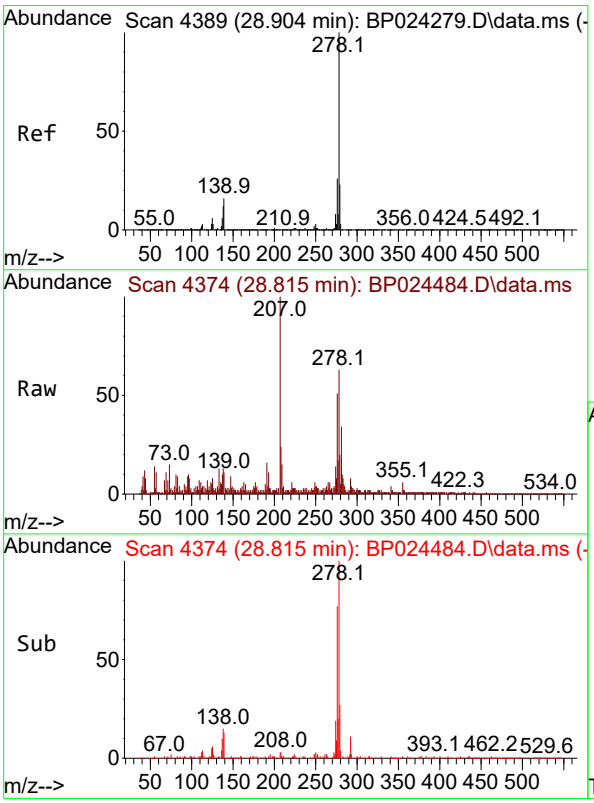
#90
Benzo(a)pyrene
Concen: 12.890 ng
RT: 24.633 min Scan# 3
Delta R.T. -0.147 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:252 Resp: 654271

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	13.9	10.1	15.1

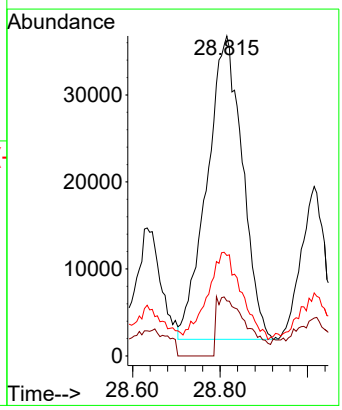


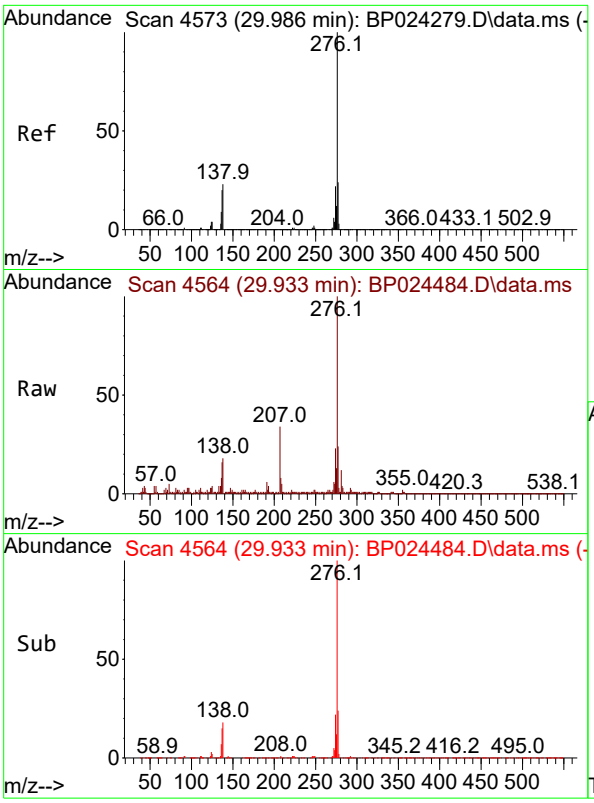


#91
Dibenzo(a,h)anthracene
Concen: 3.469 ng
RT: 28.815 min Scan# 4374
Delta R.T. 0.012 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Tgt Ion:278 Resp: 196218

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.6	19.0
279	31.4	18.5	27.7#





#92
Benzo(g,h,i)perylene
Concen: 13.447 ng
RT: 29.933 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP024484.D
Acq: 30 Apr 2025 22:13

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Tgt Ion:276 Resp: 774322

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	18.1	18.7	28.1#