Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
Data File : BP024985.D
Acq On : 17 Jun 2025 21:31
Operator : RC/JU
Sample : Q2338-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Quant Time: Jun 18 01:13:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.607	152	296868	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	1180268	20.000	ng		0.00
39) Acenaphthene-d10	14.248	164	718311	20.000	ng		0.00
64) Phenanthrene-d10	17.066	188	1354450	20.000	ng		0.00
76) Chrysene-d12	21.489	240	1374030	20.000	ng		0.00
86) Perylene-d12	24.771	264	1626925	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.249	112	171269	9.630	ng		0.00
7) Phenol-d6	6.837	99	216503	9.201	ng		0.02
23) Nitrobenzene-d5	8.772	82	129694	5.340	ng		0.01
42) 2,4,6-Tribromophenol	15.783	330	93358	9.401	ng		0.00
45) 2-Fluorobiphenyl	12.860	172	305315	5.726	ng		0.00
79) Terphenyl-d14	19.795	244	505266	6.591	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	13.972	152	209148	3.126	ng		98
71) Phenanthrene	17.113	178	512971	6.853	ng		99
72) Anthracene	17.201	178	256436	3.383	ng		99
75) Fluoranthene	19.195	202	1124033	12.957	ng		98
78) Pyrene	19.572	202	1518660	17.691	ng		99
81) Benzo(a)anthracene	21.471	228	710330	8.083	ng		96
83) Chrysene	21.542	228	720354	8.651	ng		95
87) Indeno(1,2,3-cd)pyrene	28.495	276	318794	2.686	ng		97
88) Benzo(b)fluoranthene	23.724	252	648938m	6.970	ng		
89) Benzo(k)fluoranthene	23.801	252	224303m	2.367	ng		
90) Benzo(a)pyrene	24.612	252	590241	6.491	ng	#	92
92) Benzo(g,h,i)perylene	29.653	276	353455	3.687	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
Data File : BP024985.D
Acq On : 17 Jun 2025 21:31
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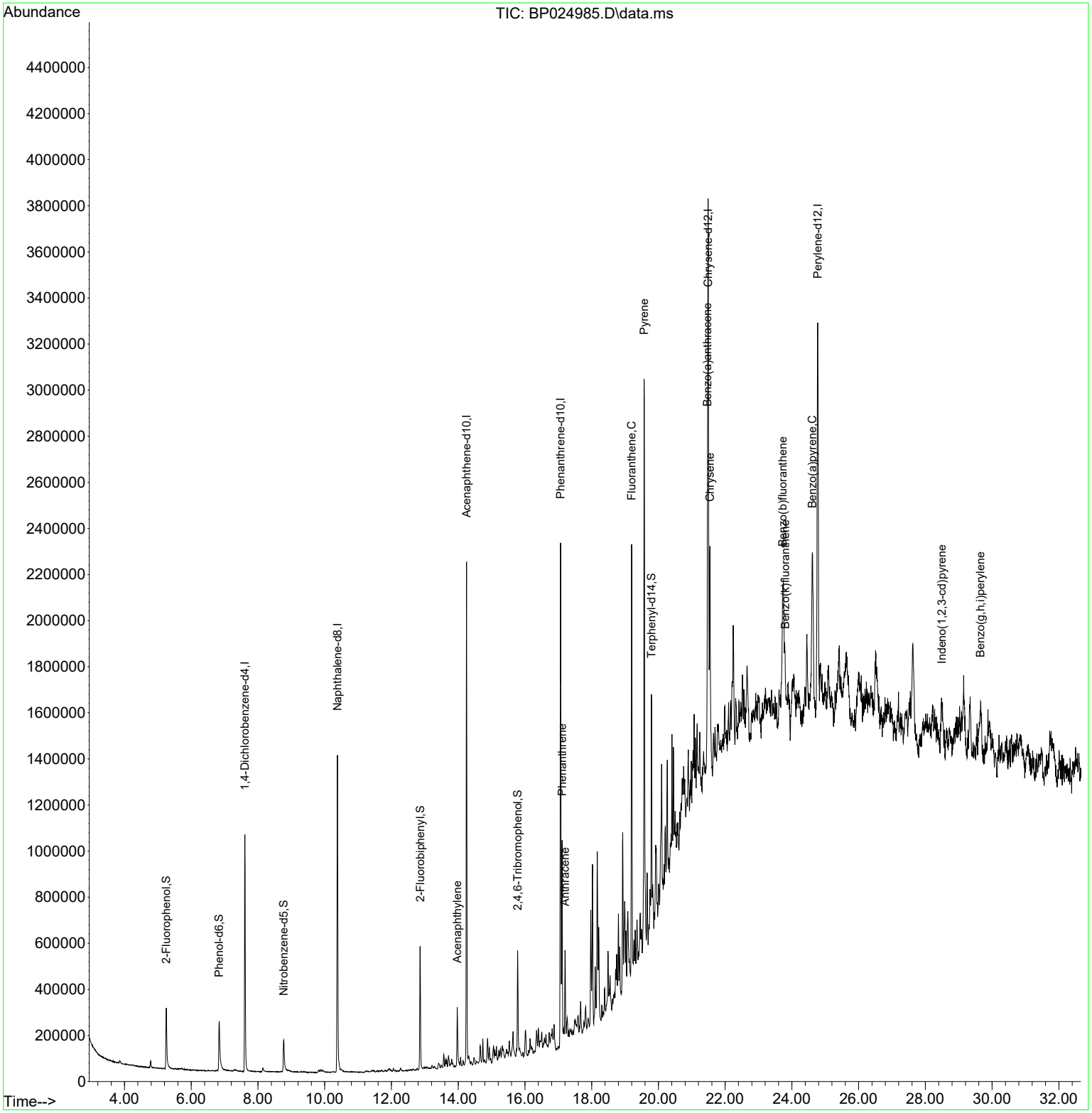
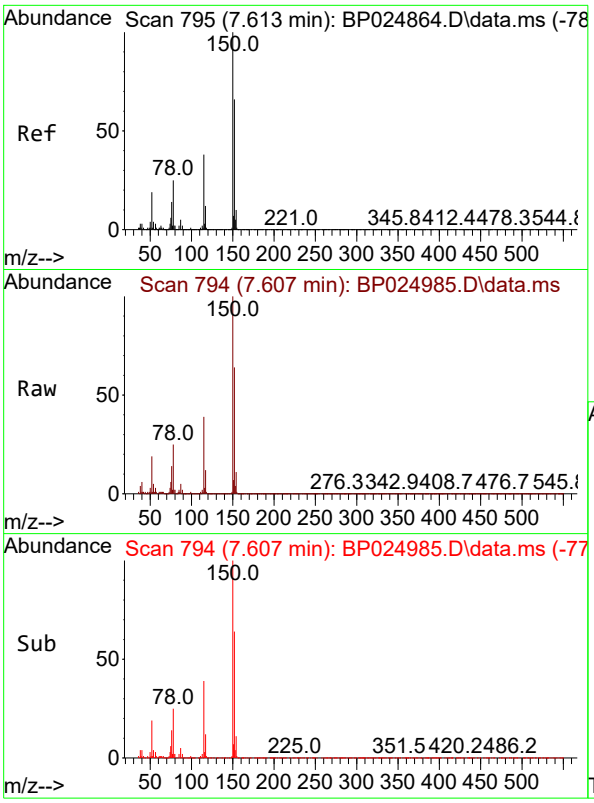
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Quant Time: Jun 18 01:13:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



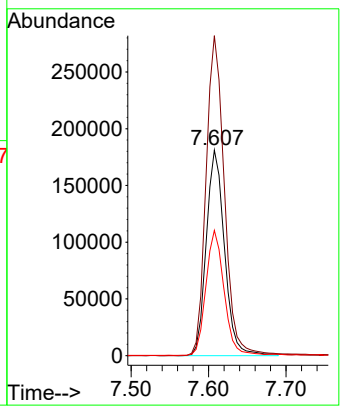


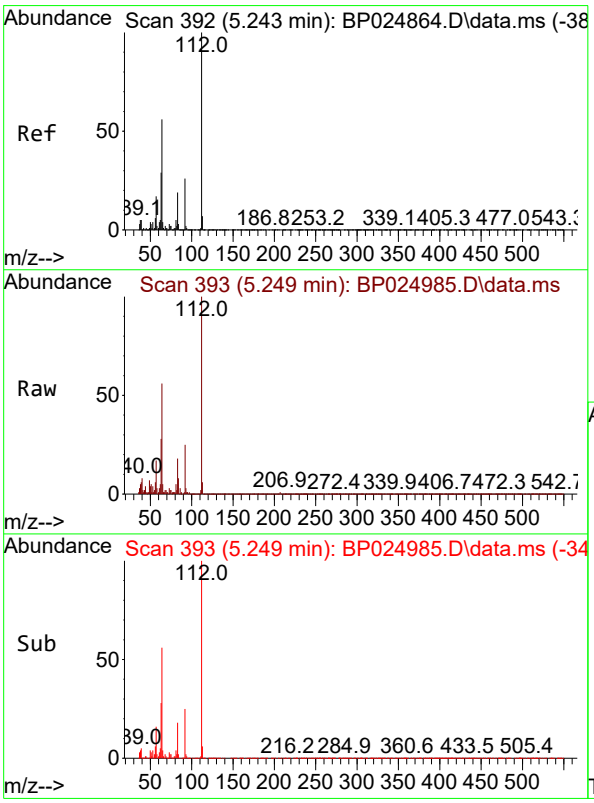
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion:152 Resp: 296868

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.1	183.1
115	60.9	46.4	69.6

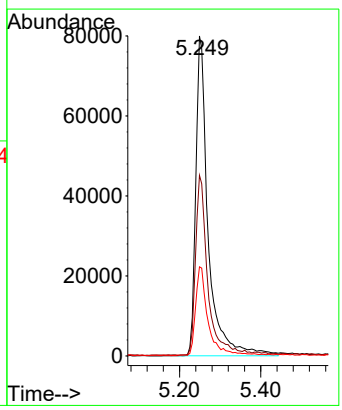


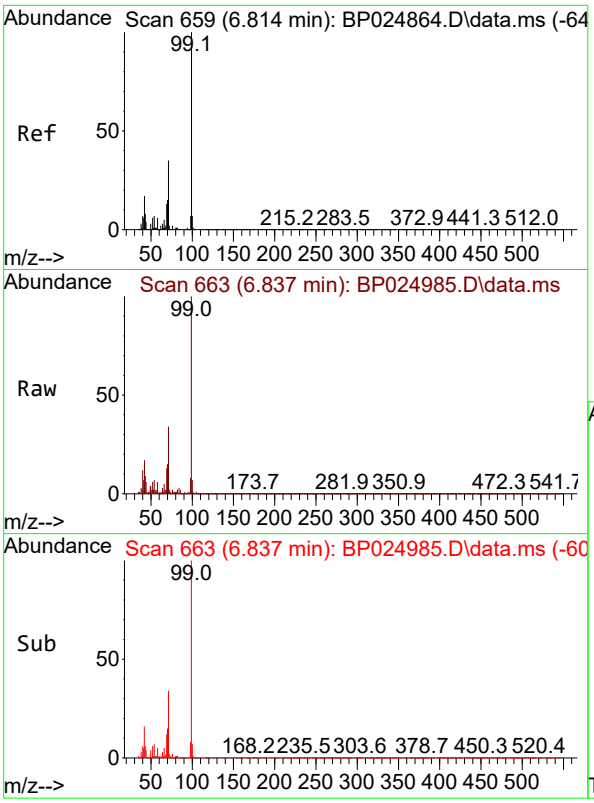


#5
2-Fluorophenol
Concen: 9.630 ng
RT: 5.249 min Scan# 393
Delta R.T. 0.006 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:112 Resp: 171269

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.7	67.1
63	27.9	23.5	35.3



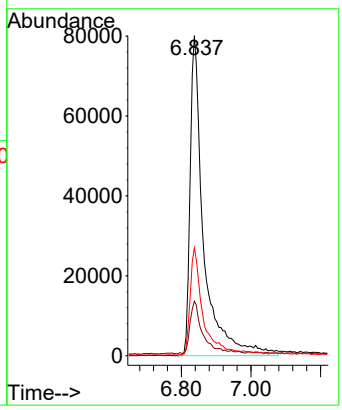


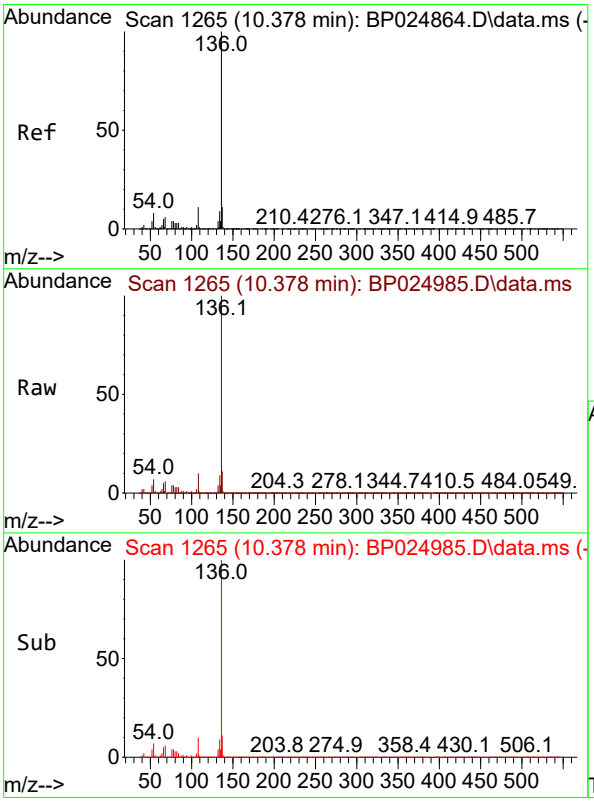
#7
Phenol-d6
Concen: 9.201 ng
RT: 6.837 min Scan# 6
Delta R.T. 0.023 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion: 99 Resp: 216503

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.4	20.2
71	33.7	27.6	41.4

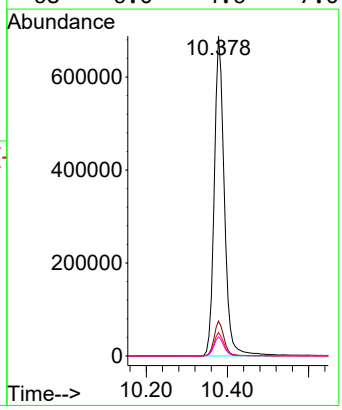


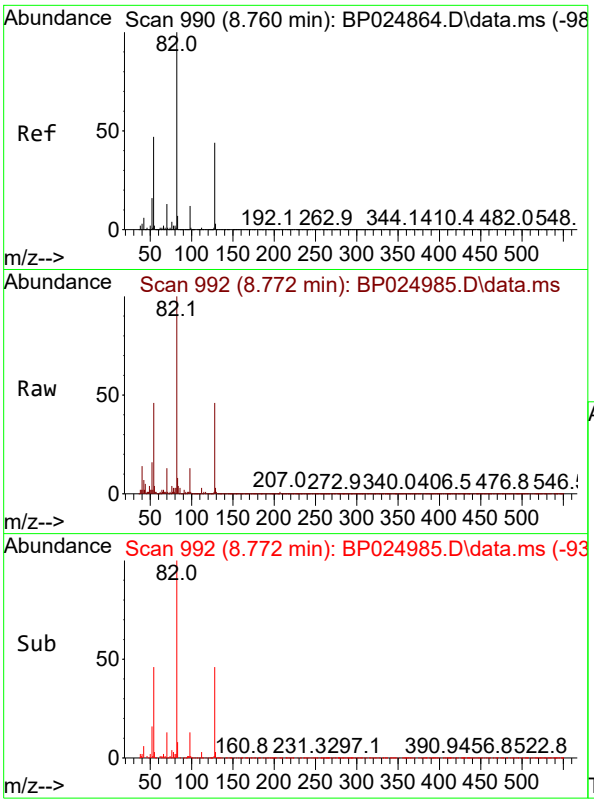


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:136 Resp: 1180268

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.1	9.1
68	6.0	4.6	7.0



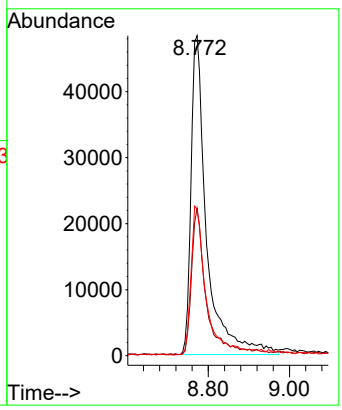


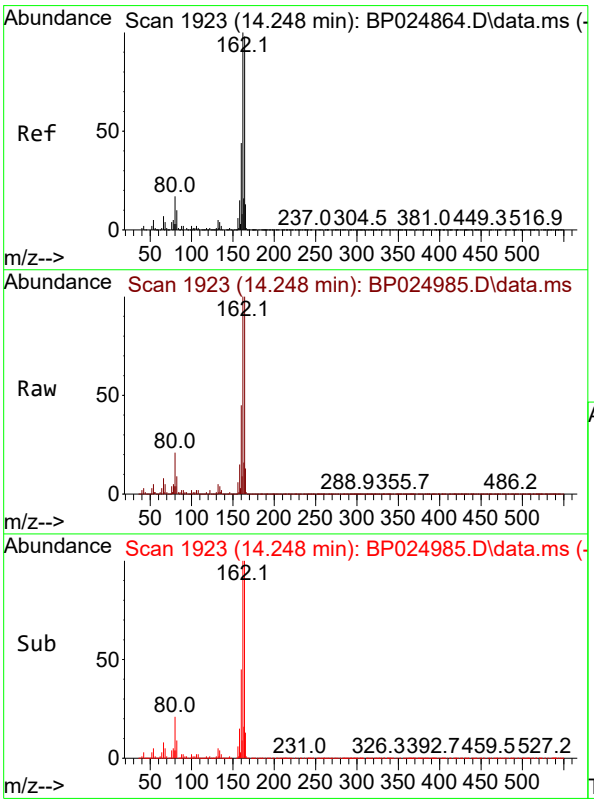
#23
Nitrobenzene-d5
Concen: 5.340 ng
RT: 8.772 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion: 82 Resp: 129694

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.3	52.9
54	45.7	37.4	56.0

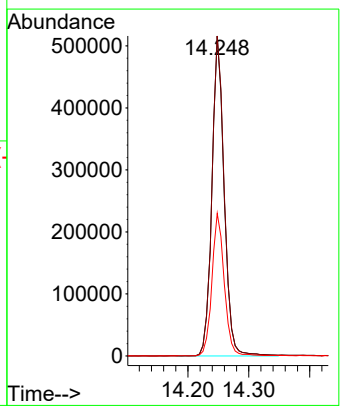


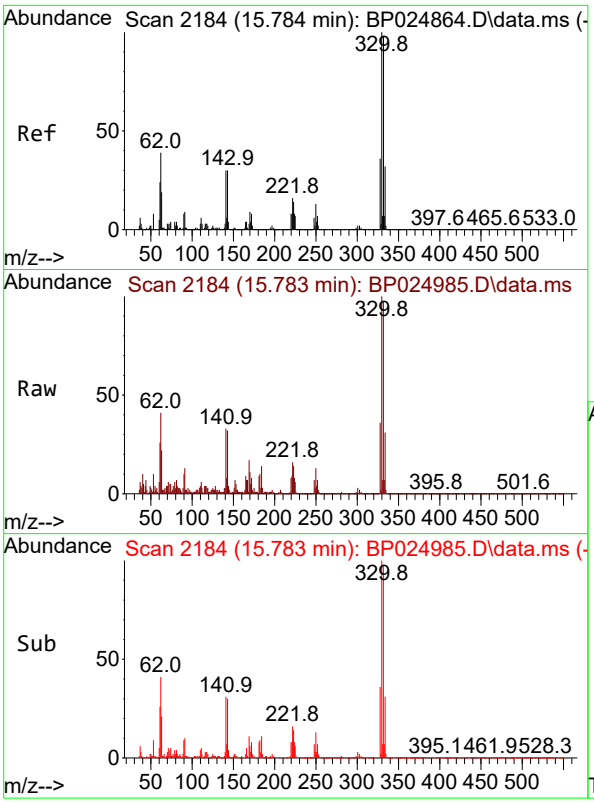


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:164 Resp: 718311

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.6	122.4
160	44.6	36.2	54.2



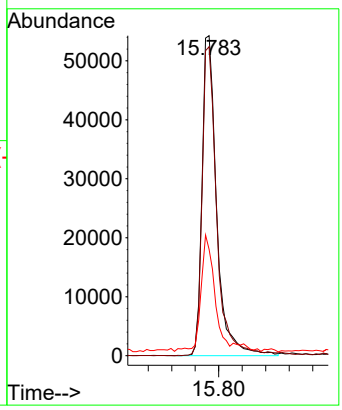


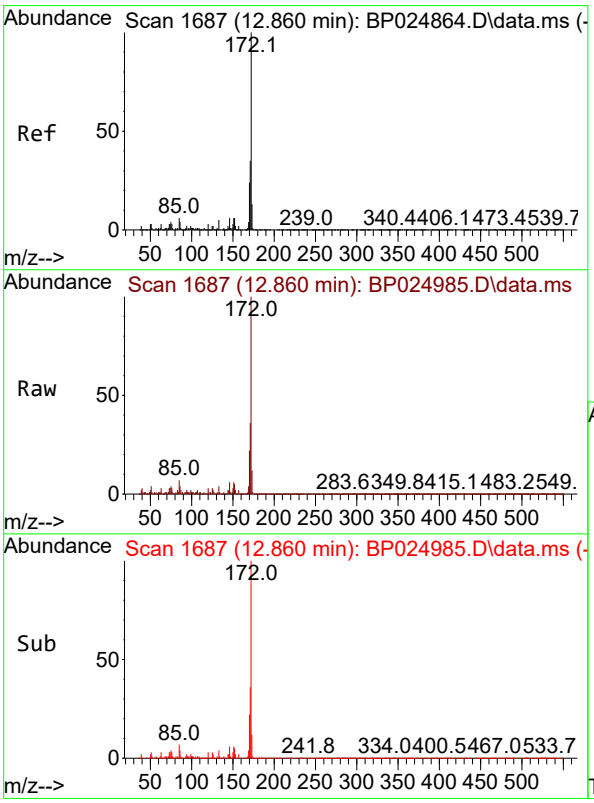
#42
2,4,6-Tribromophenol
Concen: 9.401 ng
RT: 15.783 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion:330 Resp: 93358

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.7	116.5
141	36.6	26.4	39.6

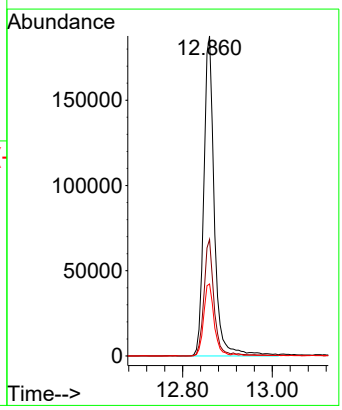


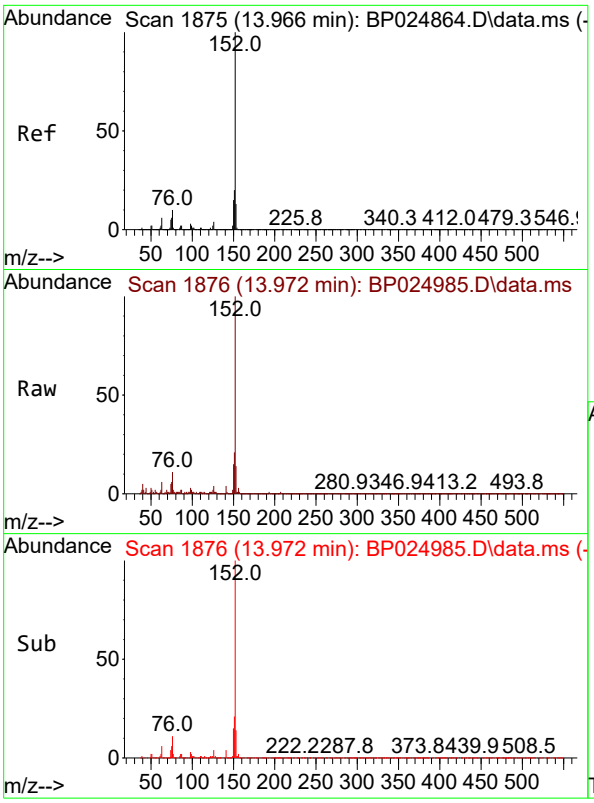


#45
2-Fluorobiphenyl
Concen: 5.726 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:172 Resp: 305315

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.3	42.5
170	22.5	19.0	28.4



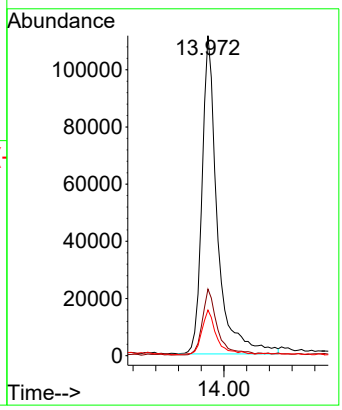


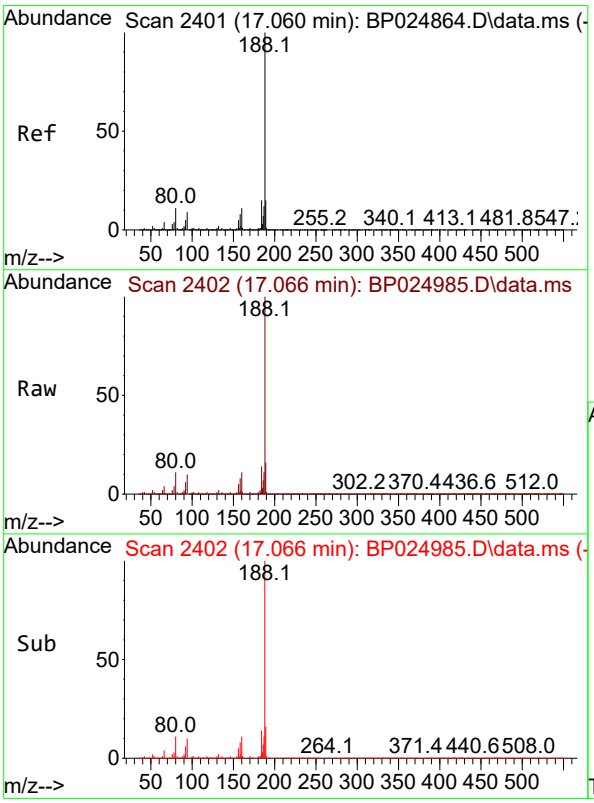
#49
Acenaphthylene
Concen: 3.126 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion:152 Resp: 209148

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2
153	14.3	10.6	15.8

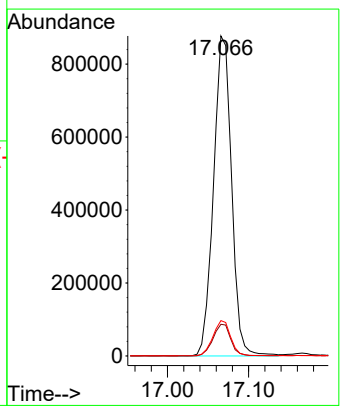


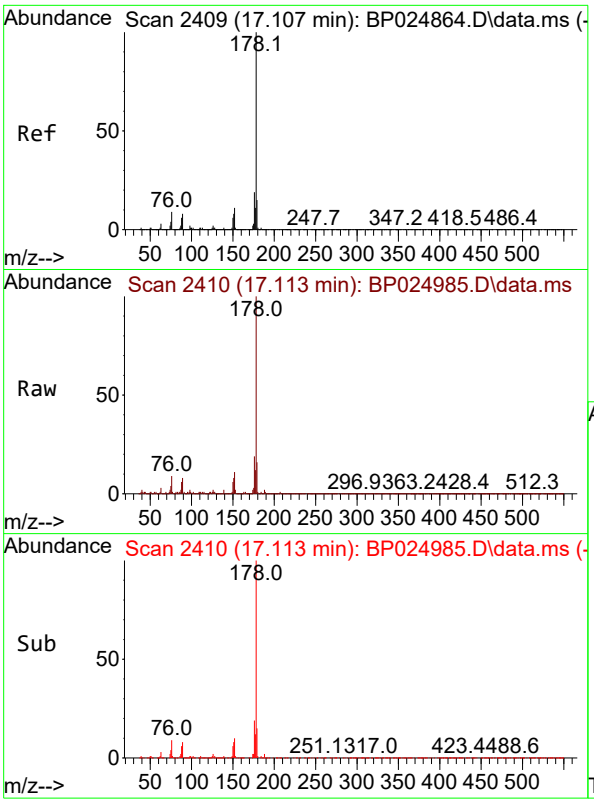


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:188 Resp: 1354450

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.3	10.9
80	11.1	8.5	12.7



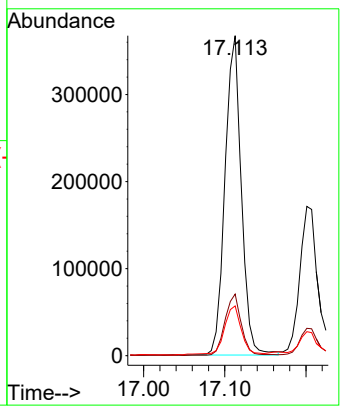


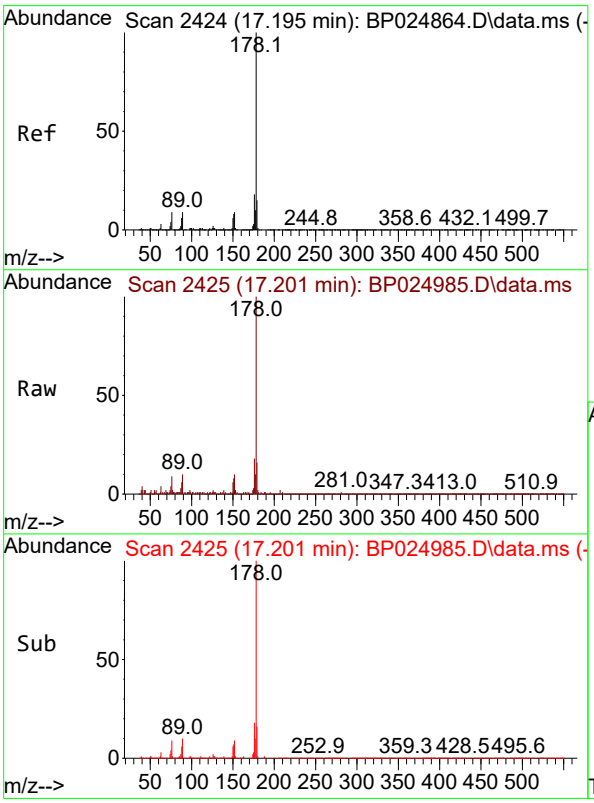
#71
Phenanthrene
Concen: 6.853 ng
RT: 17.113 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion:178 Resp: 512971

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.6	12.1	18.1

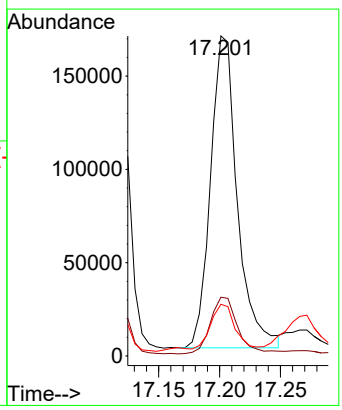


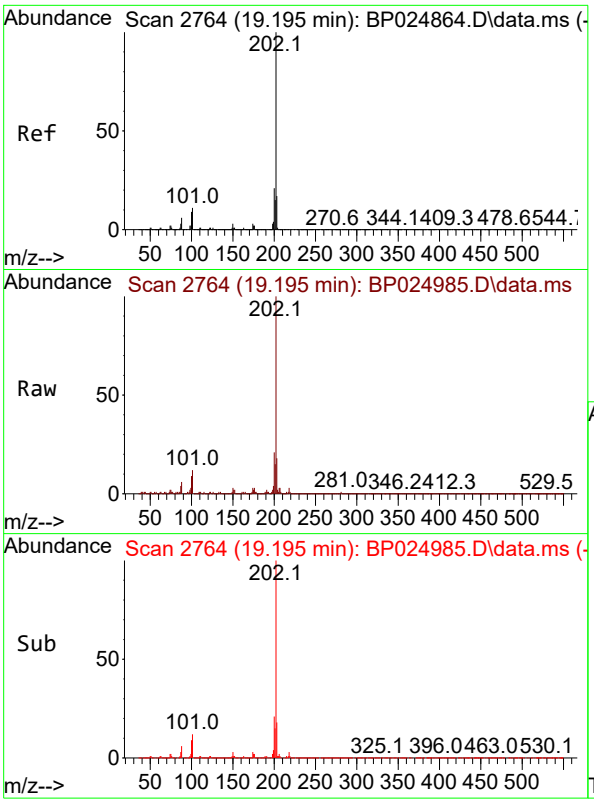


#72
Anthracene
Concen: 3.383 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:178 Resp: 256436

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	16.1	12.3	18.5



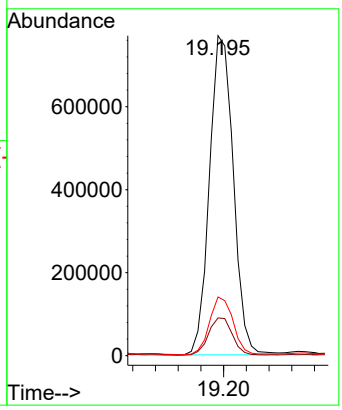


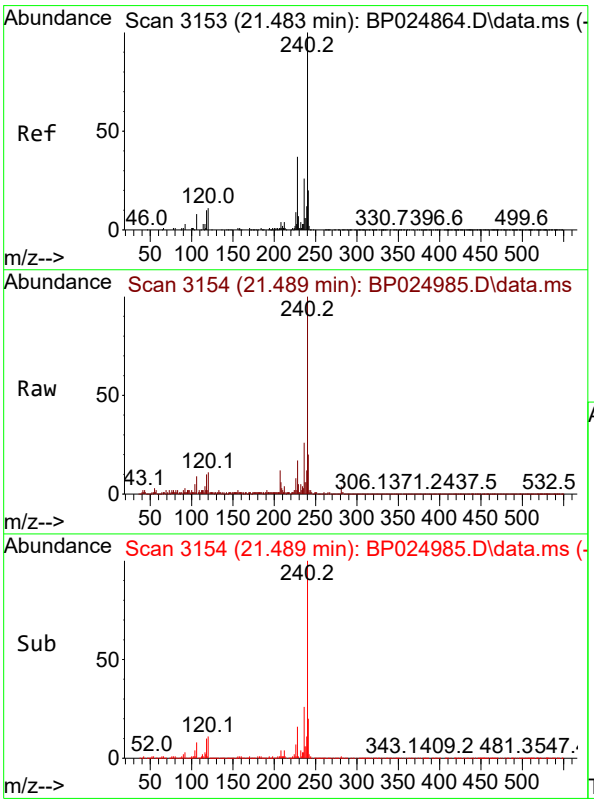
#75
Fluoranthene
Concen: 12.957 ng
RT: 19.195 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion:202 Resp: 1124033

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.4
203	18.4	0.0	37.5

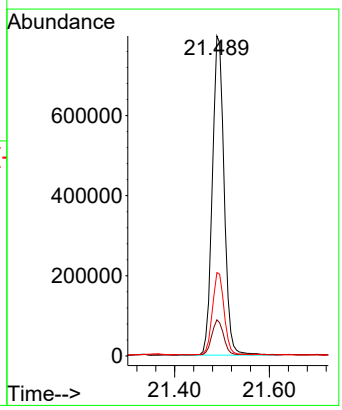


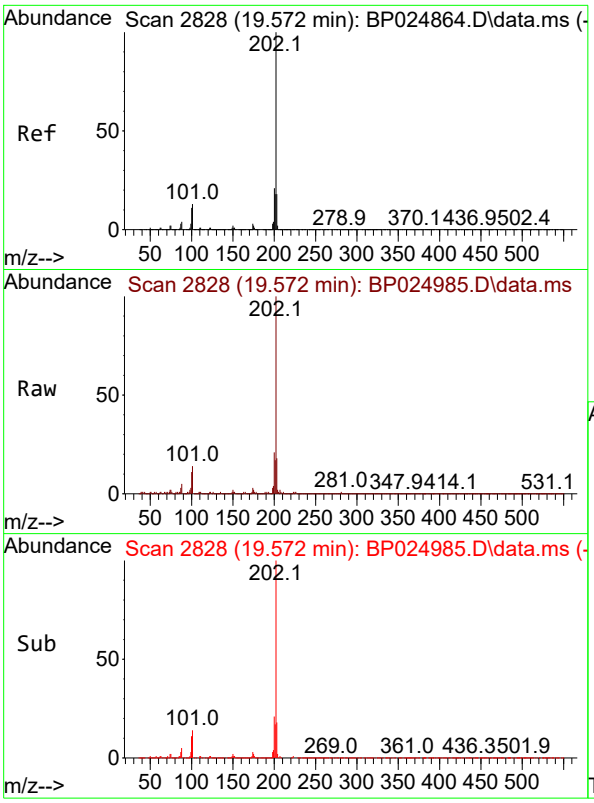


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:240 Resp: 1374030

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.0	20.9	31.3



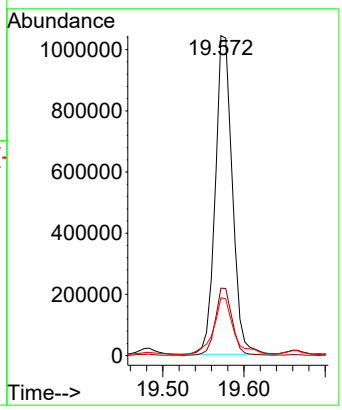


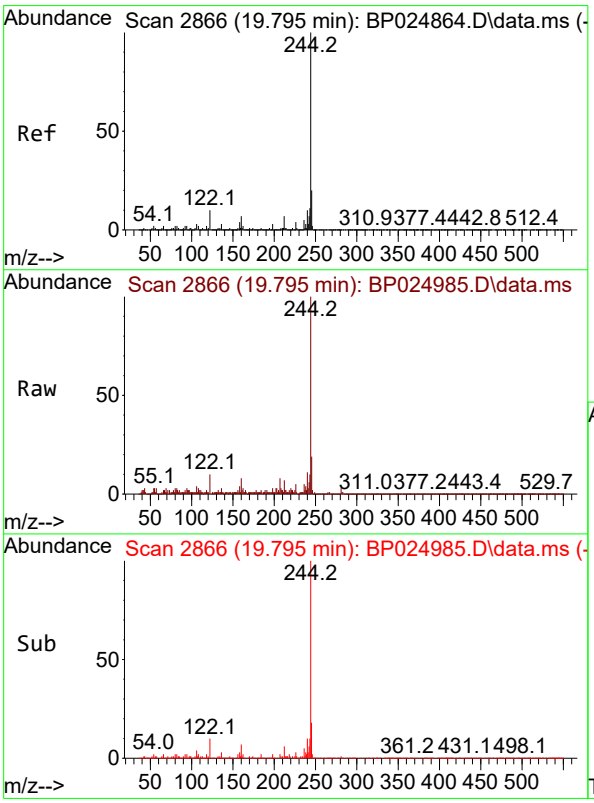
#78
Pyrene
Concen: 17.691 ng
RT: 19.572 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion:202 Resp: 1518660

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	18.1	14.0	21.0

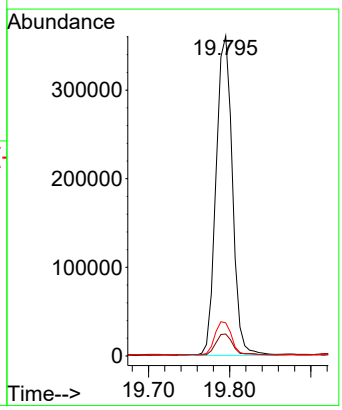


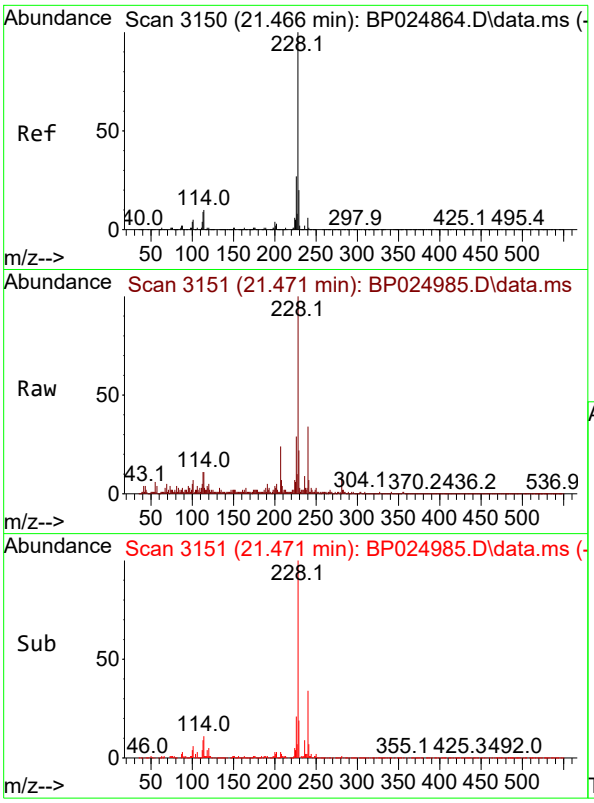


#79
Terphenyl-d14
Concen: 6.591 ng
RT: 19.795 min Scan# 2866
Delta R.T. -0.000 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:244 Resp: 505266

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.4	7.7	11.5



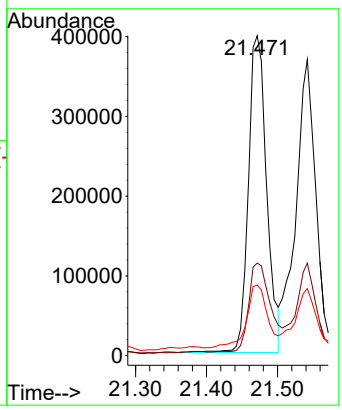


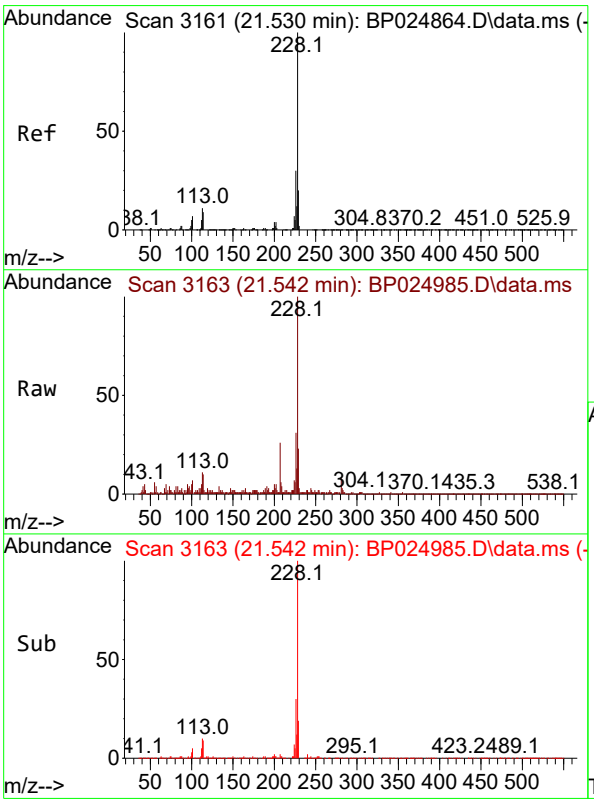
#81
Benzo(a)anthracene
Concen: 8.083 ng
RT: 21.471 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion:228 Resp: 710330

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.1	33.1
229	22.1	15.9	23.9

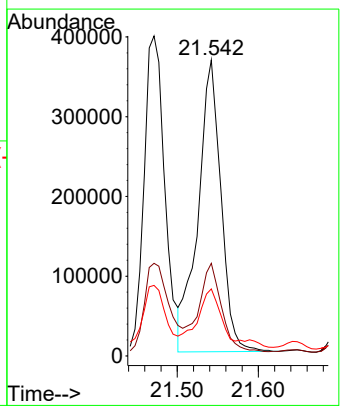


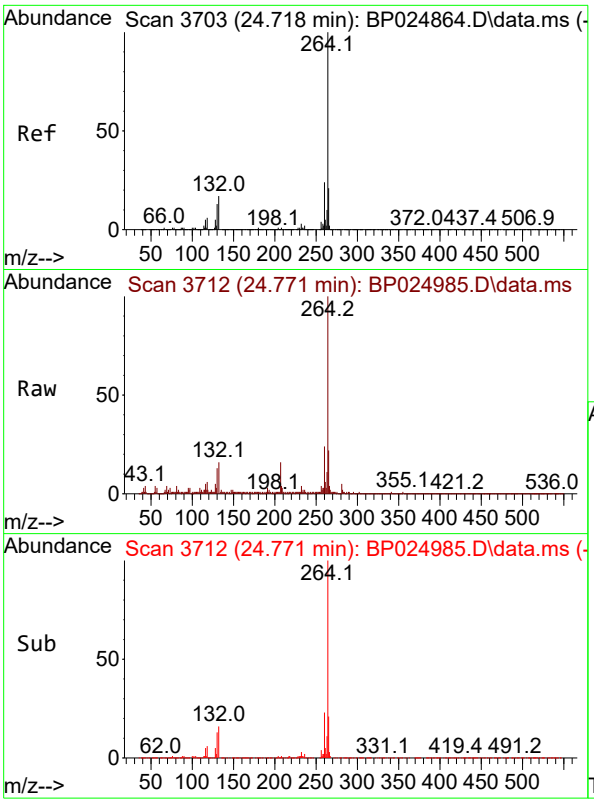


#83
Chrysene
Concen: 8.651 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.012 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:228 Resp: 720354

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.6
229	22.6	15.6	23.4



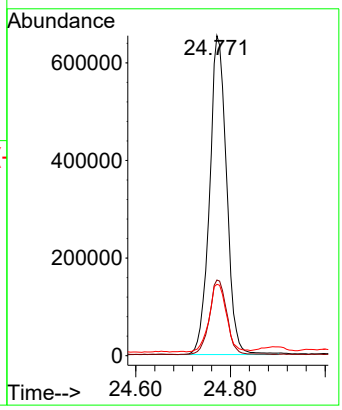


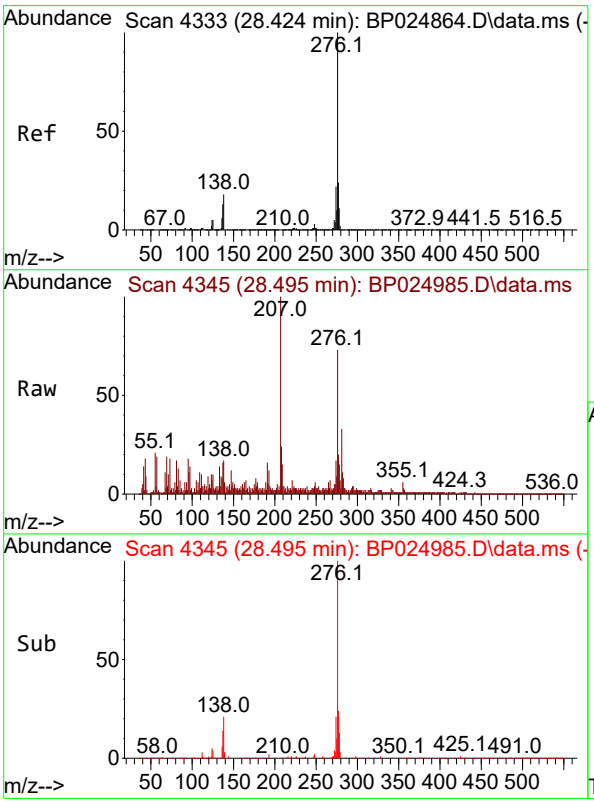
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.771 min Scan# 3
Delta R.T. 0.053 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion:264 Resp: 1626925

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.3	17.4	26.0

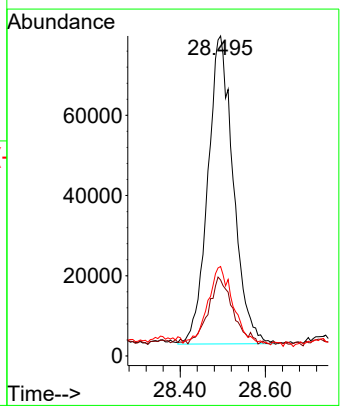


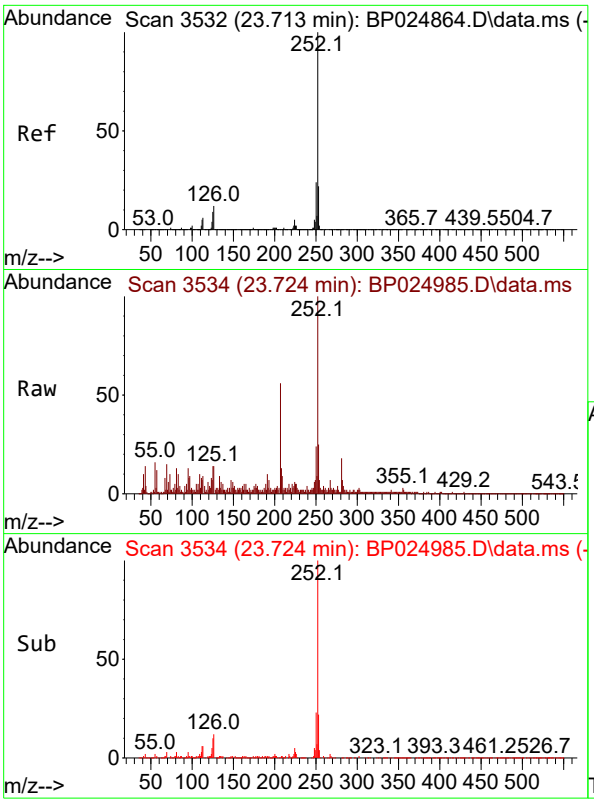


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.686 ng
RT: 28.495 min Scan# 4345
Delta R.T. 0.070 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:276 Resp: 318794

Ion	Ratio	Lower	Upper
276	100		
138	20.7	18.6	27.8
277	25.4	20.2	30.4



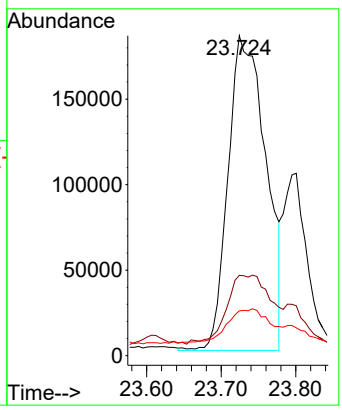


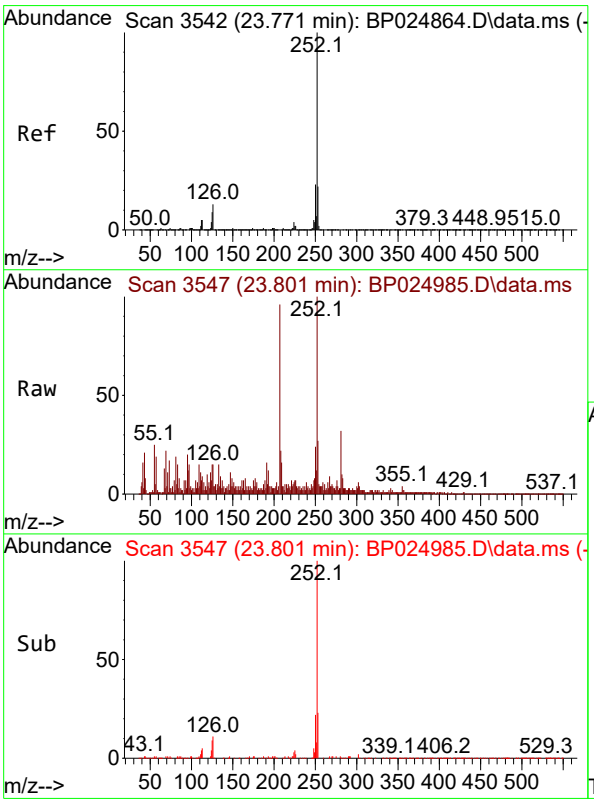
#88
Benzo(b)fluoranthene
Concen: 6.970 ng m
RT: 23.724 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion:252 Resp: 648938

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.6	26.4
125	14.0	7.1	10.7#

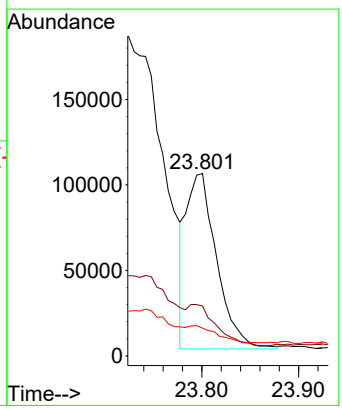


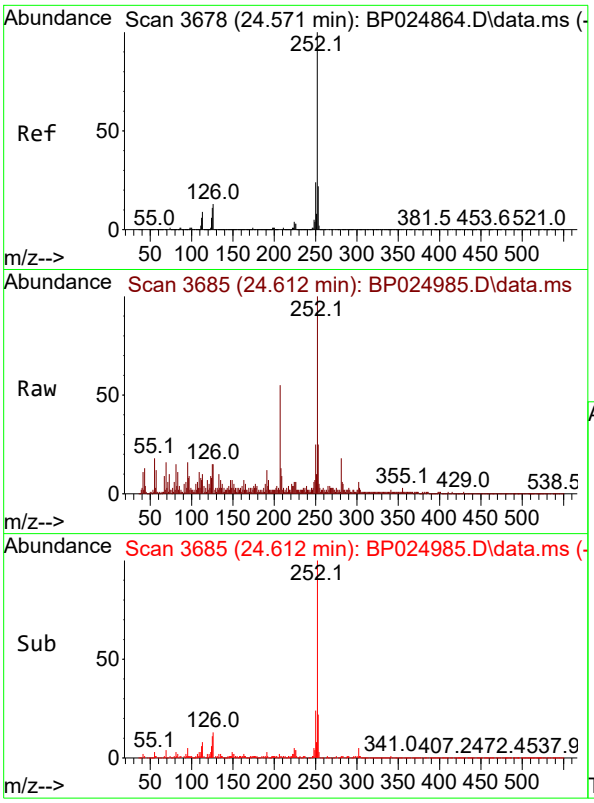


#89
Benzo(k)fluoranthene
Concen: 2.367 ng m
RT: 23.801 min Scan# 3547
Delta R.T. 0.029 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:252 Resp: 224303

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.7	26.5#
125	15.2	7.4	11.0#



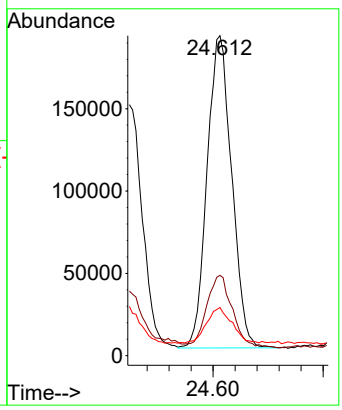


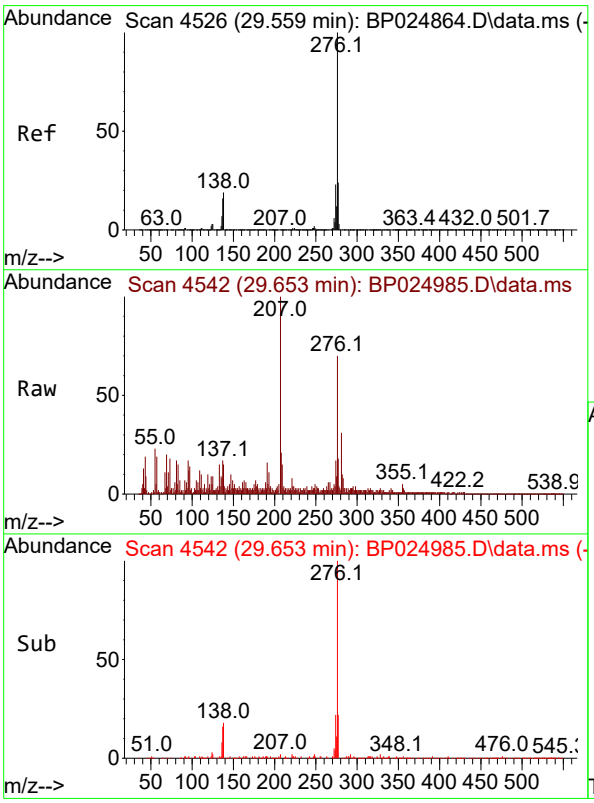
#90
Benzo(a)pyrene
Concen: 6.491 ng
RT: 24.612 min Scan# 3
Delta R.T. 0.041 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Instrument :
BNA_P
ClientSampleId :
OK-03-061625

Tgt Ion:252 Resp: 590241

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	15.1	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 3.687 ng
RT: 29.653 min Scan# 4542
Delta R.T. 0.094 min
Lab File: BP024985.D
Acq: 17 Jun 2025 21:31

Tgt Ion:276 Resp: 353455

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.1	28.7
138	21.2	15.4	23.2