Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024901.D
Acq On : 10 Jun 2025 19:51
Operator : RC/JU
Sample : Q2176-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-26

Quant Time: Jun 11 02:05:32 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	7.608	152	331428	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	1353167	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	851560	20.000	ng		0.00
64) Phenanthrene-d10	17.060	188	1568912	20.000	ng		0.00
76) Chrysene-d12	21.501	240	1528631	20.000	ng		0.02
86) Perylene-d12	24.766	264	1800536	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	986538	49.686	ng		0.00
7) Phenol-d6	6.814	99	1286457	48.969	ng		0.00
23) Nitrobenzene-d5	8.761	82	811243	29.132	ng		0.00
42) 2,4,6-Tribromophenol	15.778	330	571255	48.521	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	1994483	31.552	ng		0.00
79) Terphenyl-d14	19.801	244	2816385	33.021	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.426	42	135272	15.748	ng	#	1
54) 2,4-Dinitrophenol	14.390	184	30	5.567	ng	#	1
56) 4-Nitrophenol	14.560	139	374	5.438	ng	#	41
63) Azobenzene	15.643	77	219157	3.817	ng	#	1
71) Phenanthrene	17.101	178	892175	10.290	ng		100
72) Anthracene	17.201	178	222160	2.530	ng		100
75) Fluoranthene	19.195	202	1979200	19.696	ng		99
78) Pyrene	19.578	202	1639303	17.165	ng		100
81) Benzo(a)anthracene	21.483	228	716631	7.330	ng		99
83) Chrysene	21.548	228	744662	8.038	ng		96
87) Indeno(1,2,3-cd)pyrene	28.459	276	441583	3.361	ng	#	95
88) Benzo(b)fluoranthene	23.736	252	884835	8.587	ng	#	95
89) Benzo(k)fluoranthene	23.736	252	884835	8.436	ng		95
90) Benzo(a)pyrene	24.607	252	620829	6.169	ng	#	93
92) Benzo(g,h,i)perylene	29.618	276	431887	4.071	ng		95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Time: Jun 11 02:05:32 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
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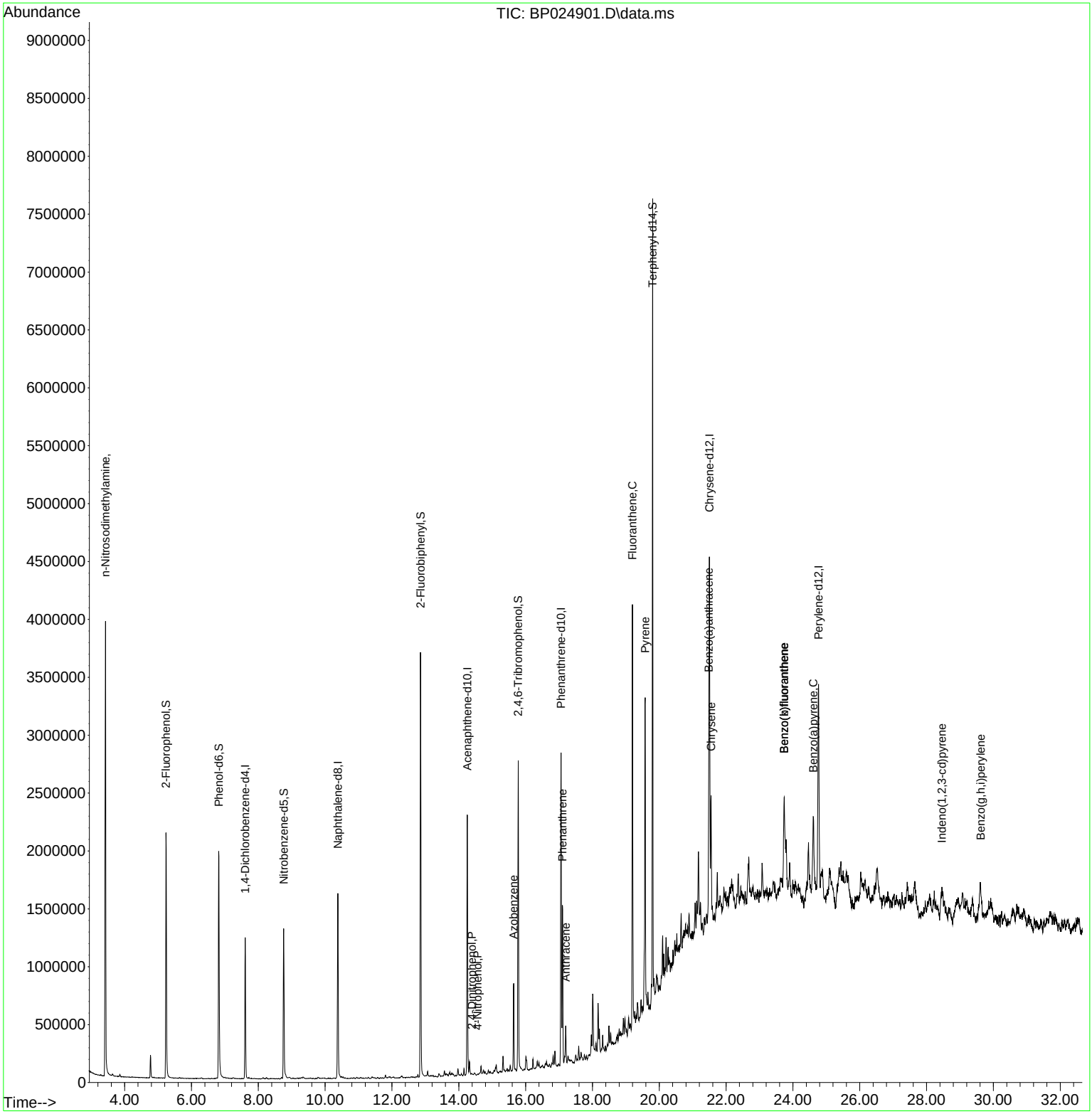
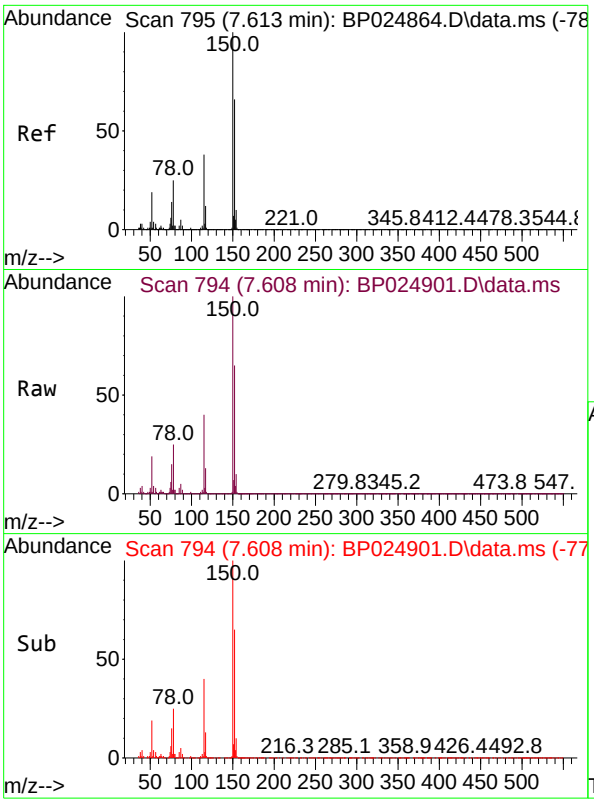


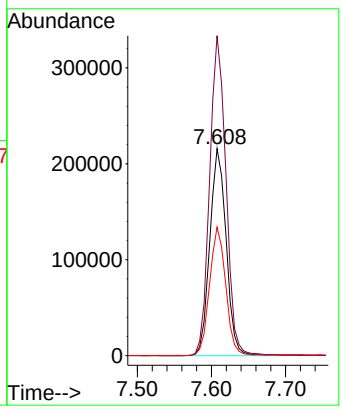


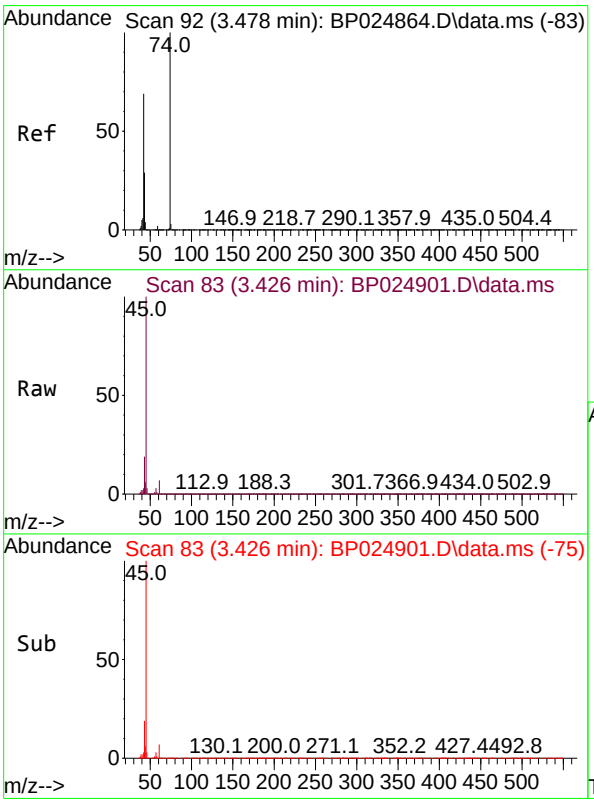
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:152 Resp: 331428

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.1	183.1
115	62.2	46.4	69.6

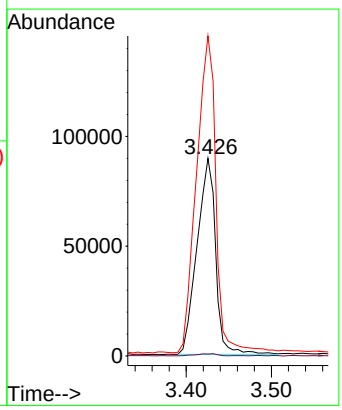


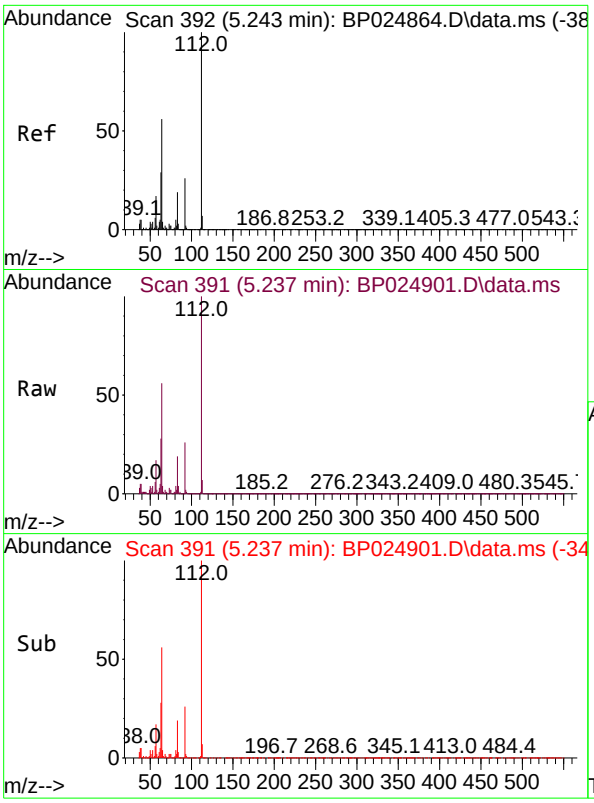


#4
n-Nitrosodimethylamine
Concen: 15.748 ng
RT: 3.426 min Scan# 83
Delta R.T. -0.053 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion: 42 Resp: 135272

Ion	Ratio	Lower	Upper
42	100		
74	0.9	116.6	174.8#
44	162.0	5.4	8.0#



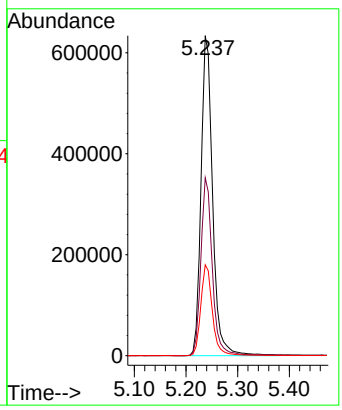


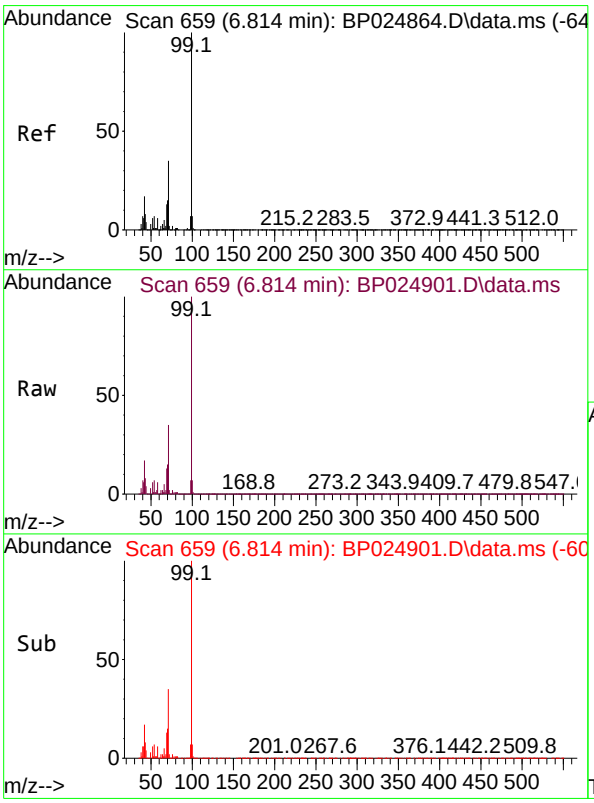
#5
2-Fluorophenol
Concen: 49.686 ng
RT: 5.237 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:112 Resp: 986538

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.7	67.1
63	28.4	23.5	35.3

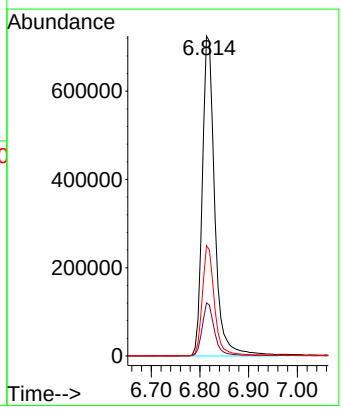


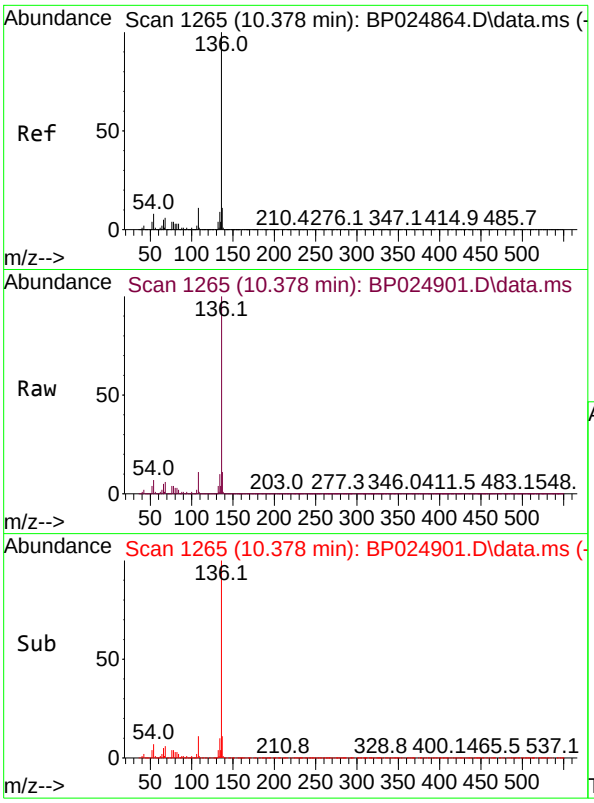


#7
Phenol-d6
Concen: 48.969 ng
RT: 6.814 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion: 99 Resp: 1286457

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	34.5	27.6	41.4



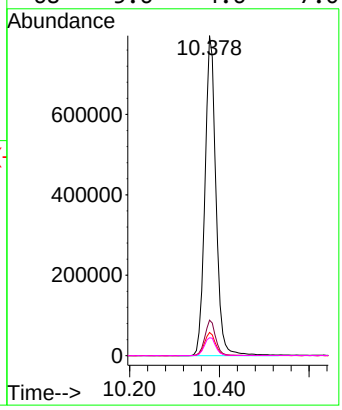


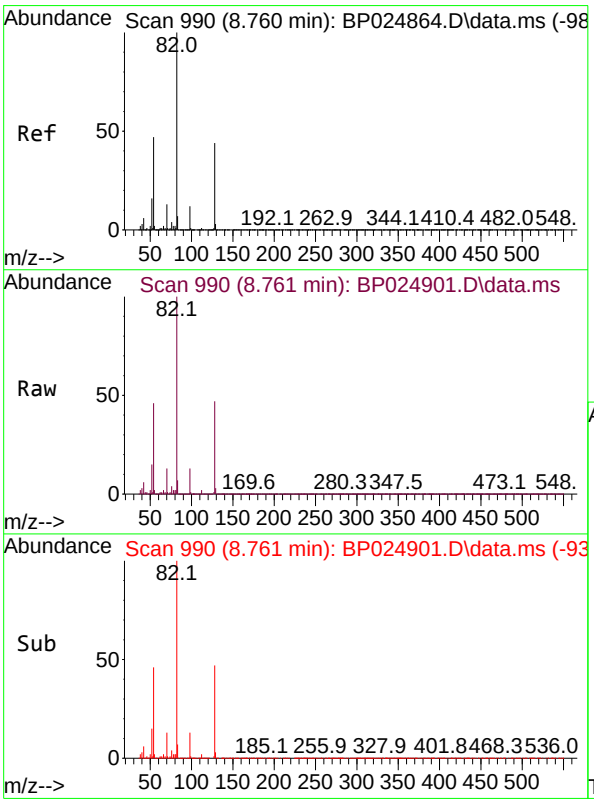
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:136 Resp: 1353167

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.1	9.1
68	5.6	4.6	7.0

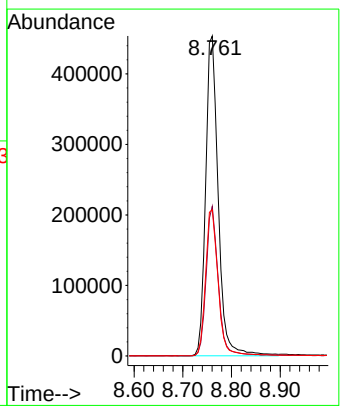


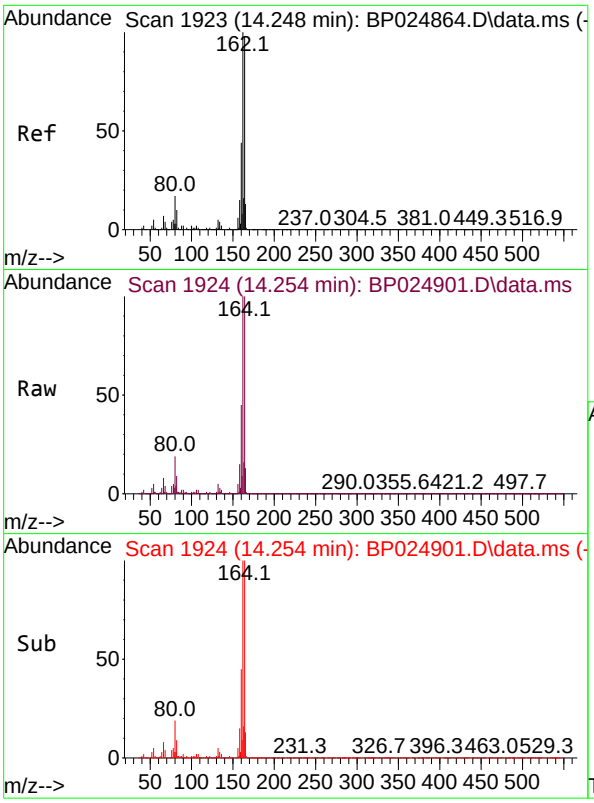


#23
Nitrobenzene-d5
Concen: 29.132 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion: 82 Resp: 811243

Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.3	52.9
54	45.7	37.4	56.0



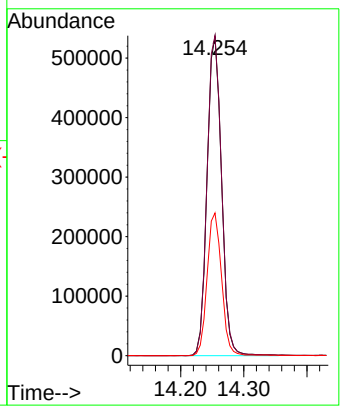


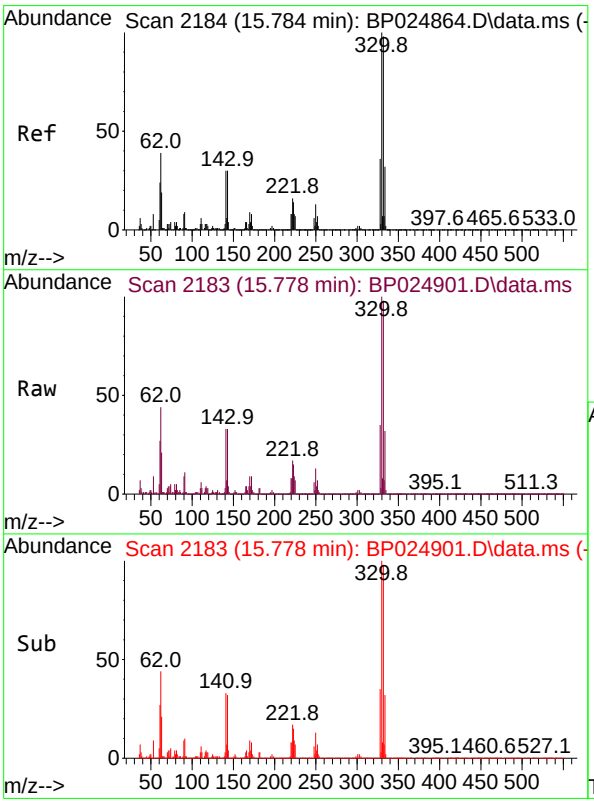
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:164 Resp: 851560

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.6	122.4
160	44.7	36.2	54.2

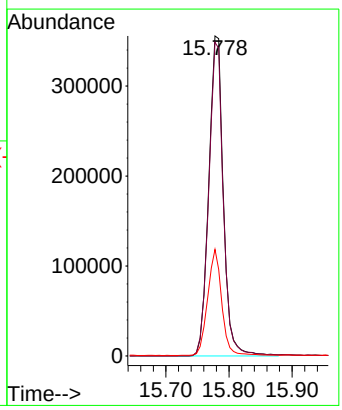


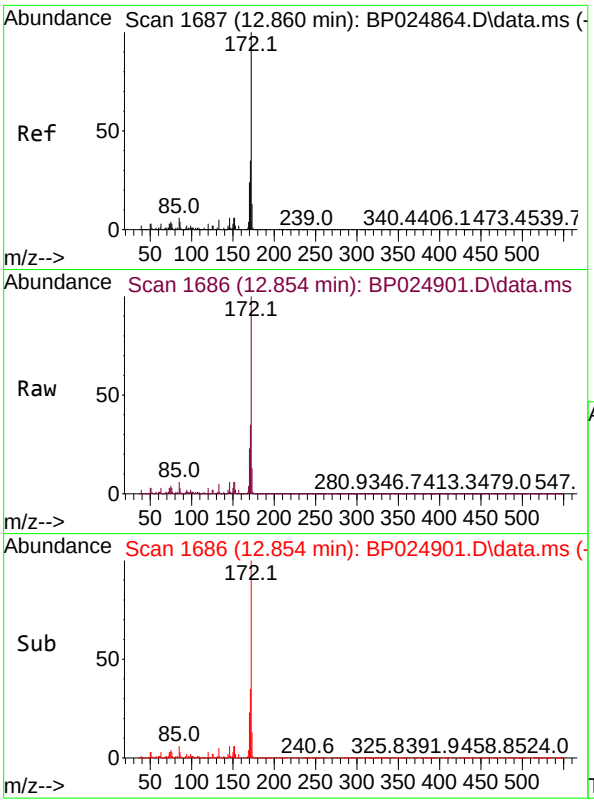


#42
2,4,6-Tribromophenol
Concen: 48.521 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion:330 Resp: 571255

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	31.9	26.4	39.6



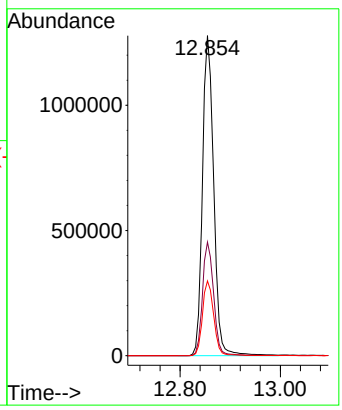


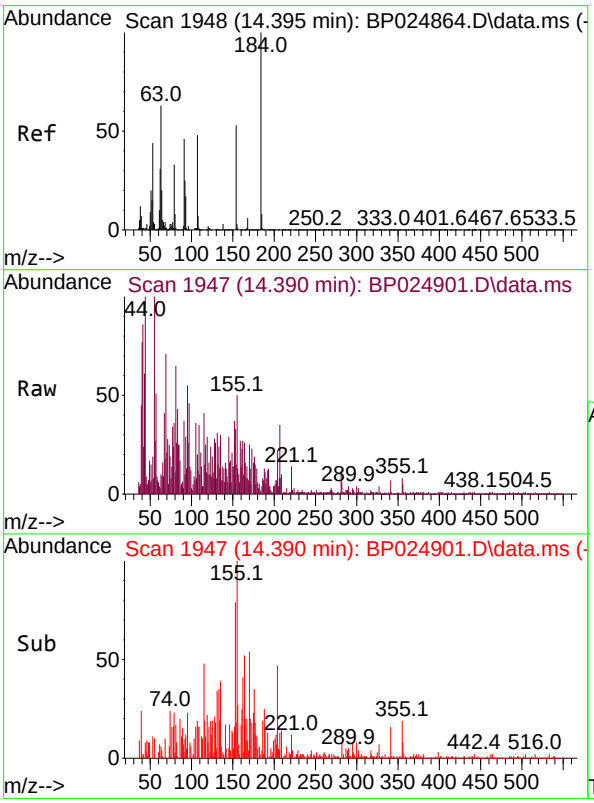
#45
2-Fluorobiphenyl
Concen: 31.552 ng
RT: 12.854 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:172 Resp: 1994483

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.4	19.0	28.4

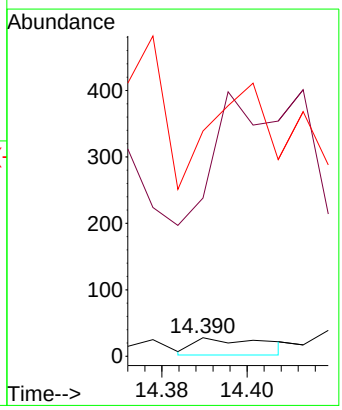


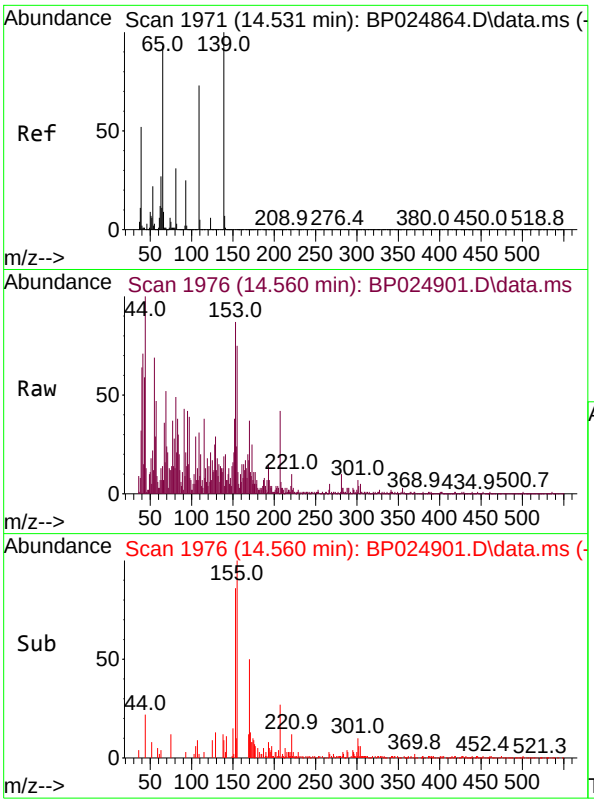


#54
2,4-Dinitrophenol
Concen: 5.567 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion:184 Resp: 30

Ion	Ratio	Lower	Upper
184	100		
63	850.0	51.0	76.4#
154	1210.7	51.7	77.5#



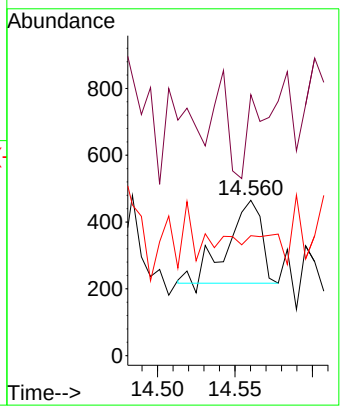


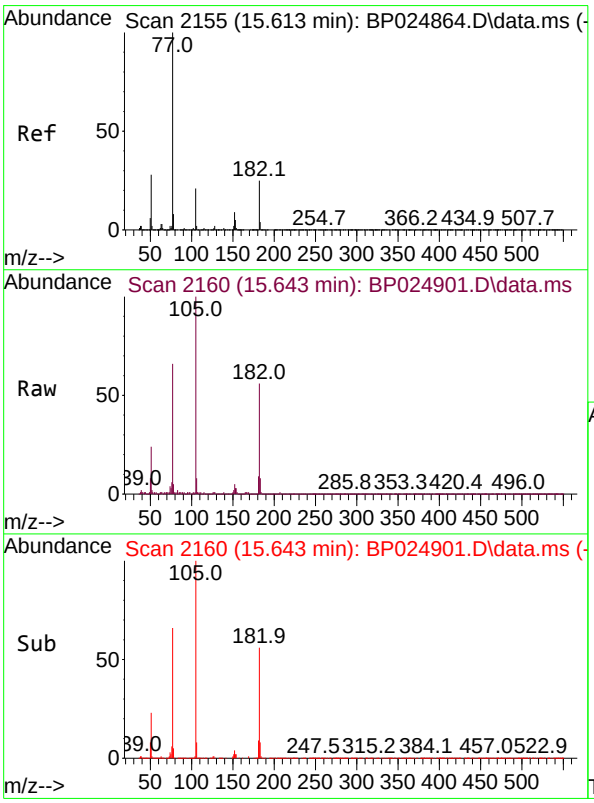
#56
4-Nitrophenol
Concen: 5.438 ng
RT: 14.560 min Scan# 1
Delta R.T. 0.029 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:139 Resp: 374

Ion	Ratio	Lower	Upper
139	100		
109	168.0	53.1	93.1#
65	77.2	73.0	113.0

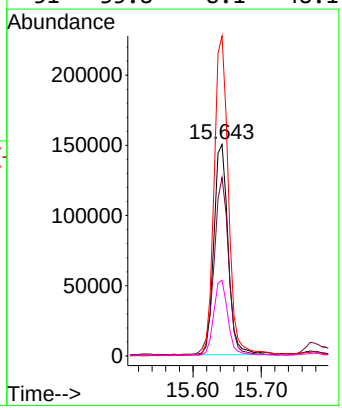


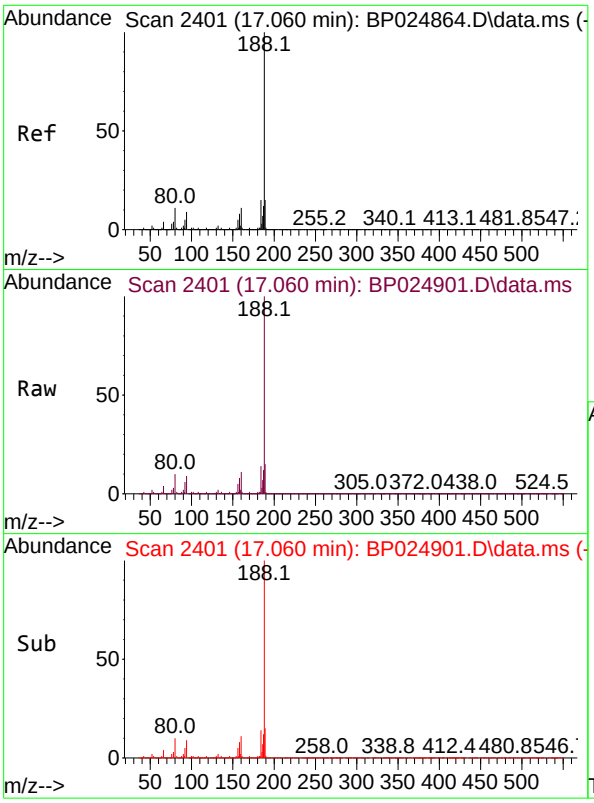


#63
Azobenzene
Concen: 3.817 ng
RT: 15.643 min Scan# 2160
Delta R.T. 0.029 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion: 77 Resp: 219157

Ion	Ratio	Lower	Upper
77	100		
182	84.4	5.4	45.4#
105	151.3	0.8	40.8#
51	35.8	8.1	48.1



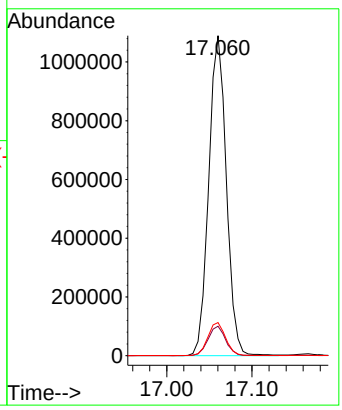


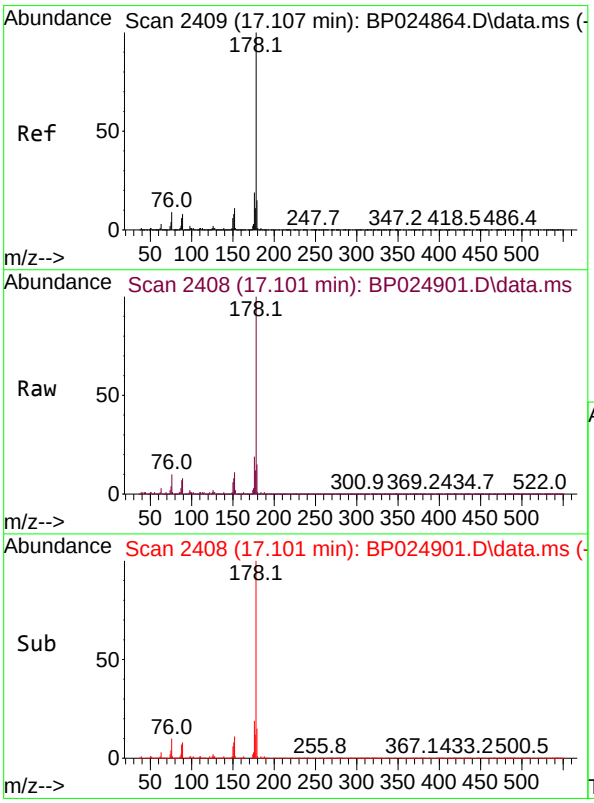
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:188 Resp: 1568912

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.3	10.9
80	10.4	8.5	12.7

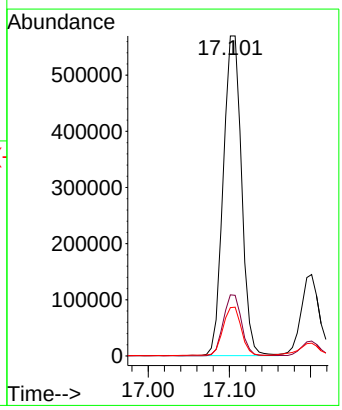


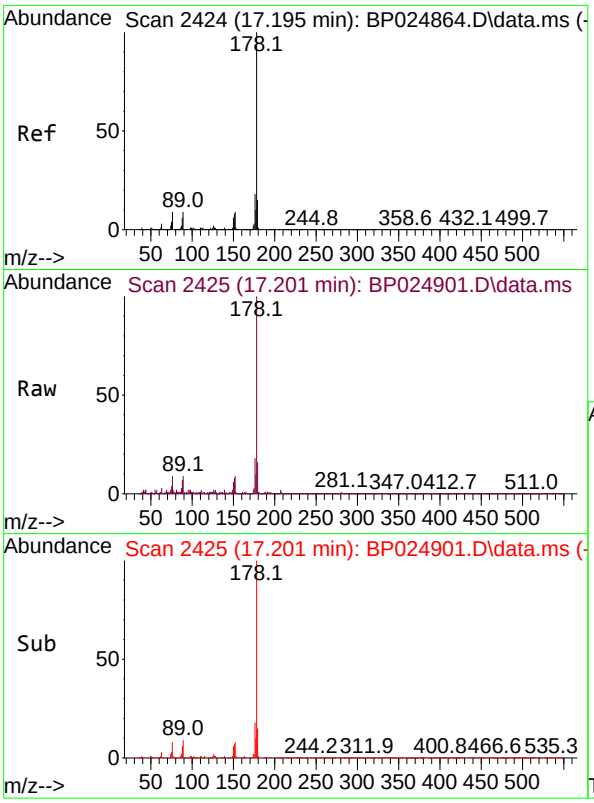


#71
Phenanthrene
Concen: 10.290 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion:178 Resp: 892175

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.1	12.1	18.1



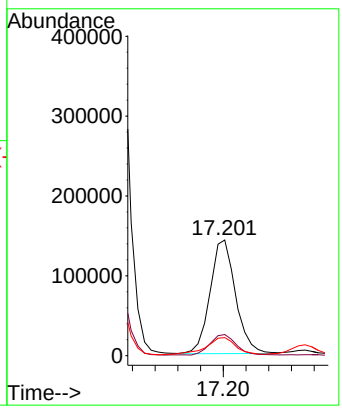


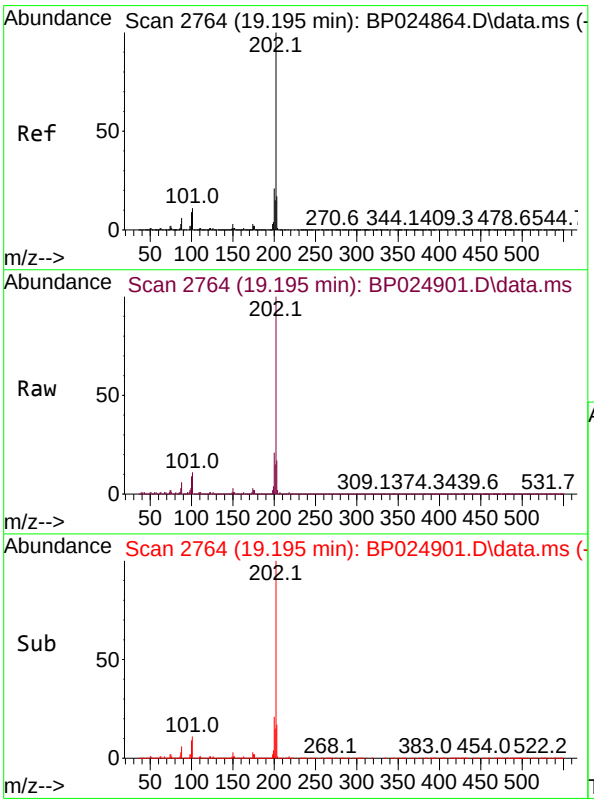
#72
Anthracene
Concen: 2.530 ng
RT: 17.201 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:178 Resp: 222160

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.7	12.3	18.5

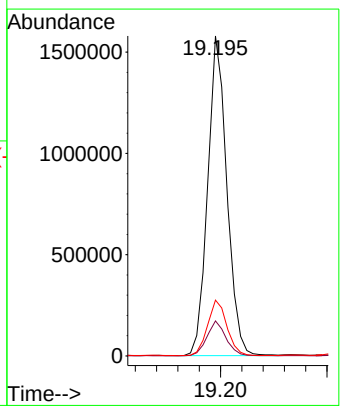


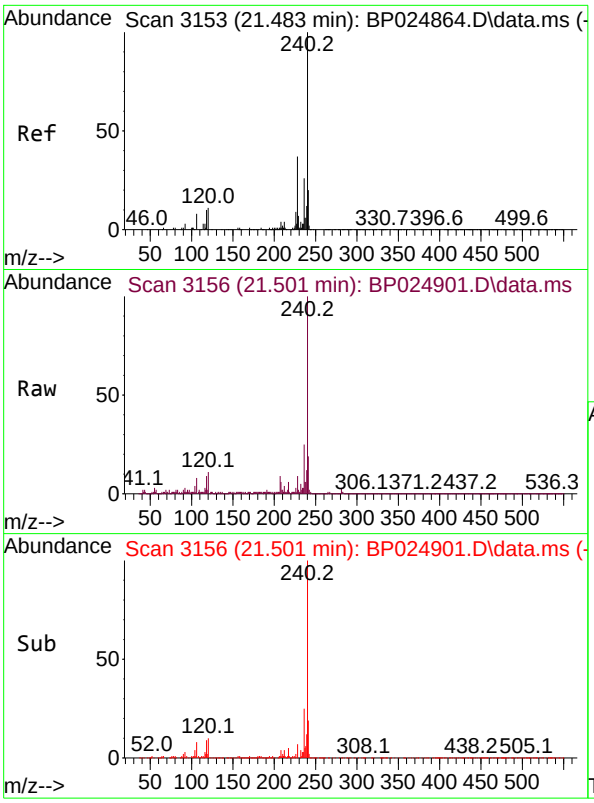


#75
Fluoranthene
Concen: 19.696 ng
RT: 19.195 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion:202 Resp: 1979200

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	17.4	0.0	37.5



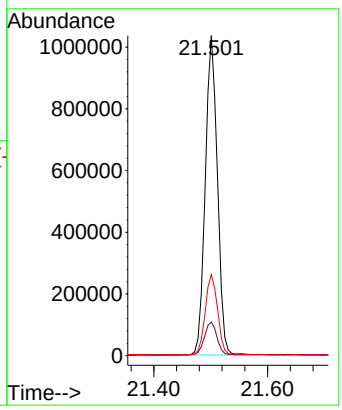


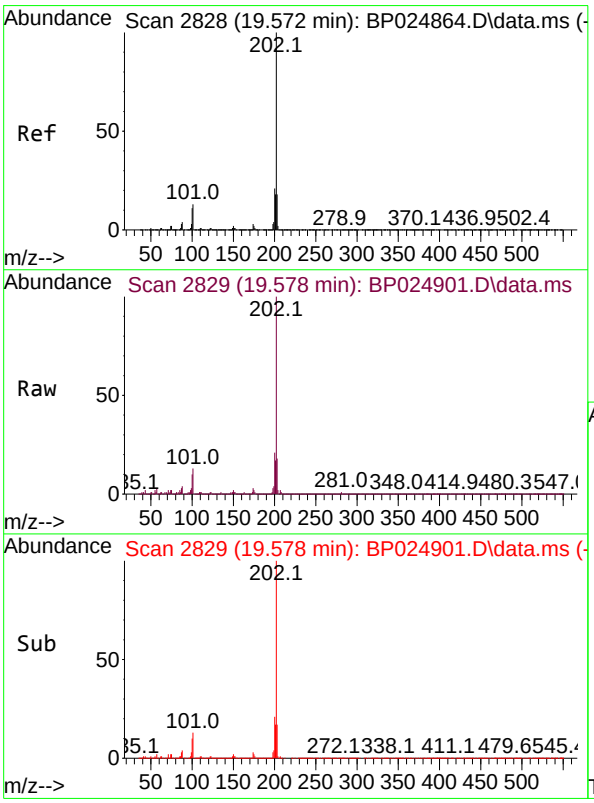
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:240 Resp: 1528631

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.4	20.9	31.3

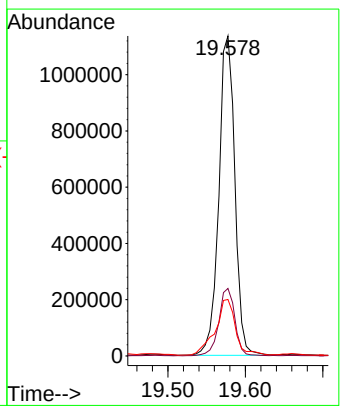


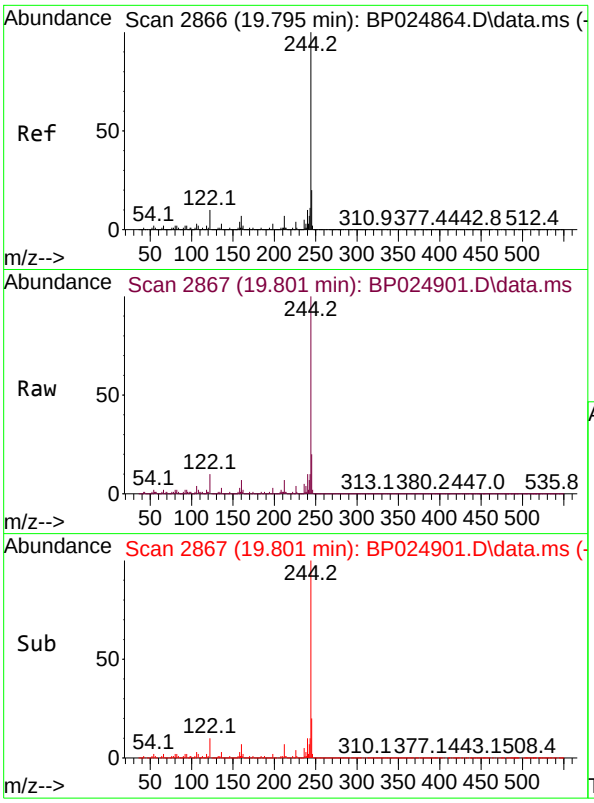


#78
Pyrene
Concen: 17.165 ng
RT: 19.578 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion:202 Resp: 1639303

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.6	14.0	21.0



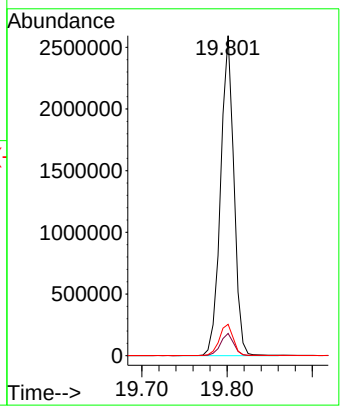


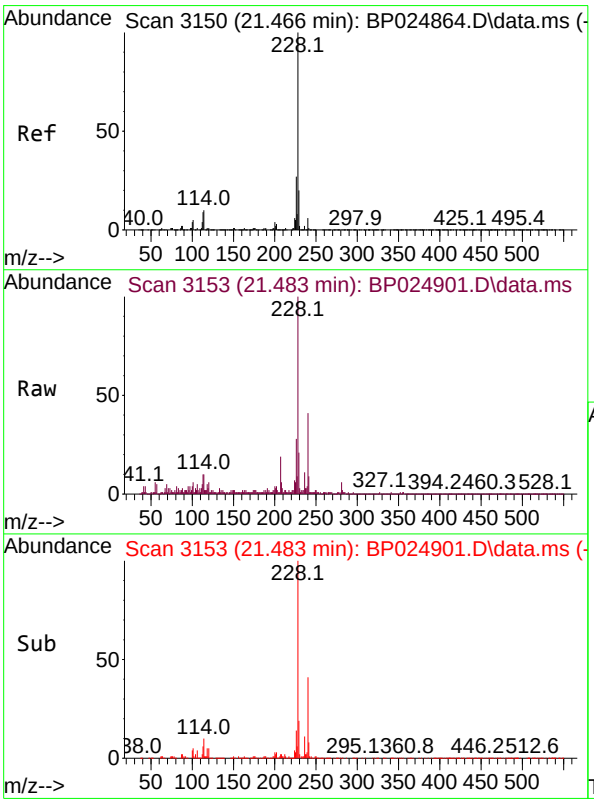
#79
Terphenyl-d14
Concen: 33.021 ng
RT: 19.801 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:244 Resp: 2816385

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.8	7.7	11.5

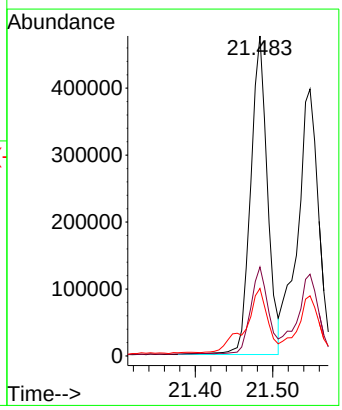


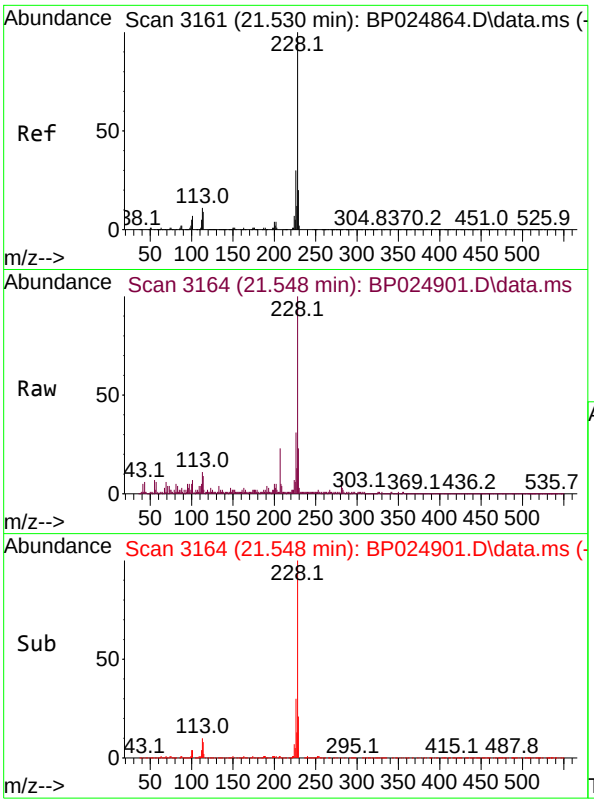


#81
Benzo(a)anthracene
Concen: 7.330 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.018 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion:228 Resp: 716631

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	21.1	15.9	23.9



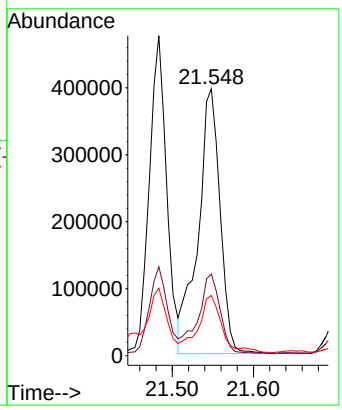


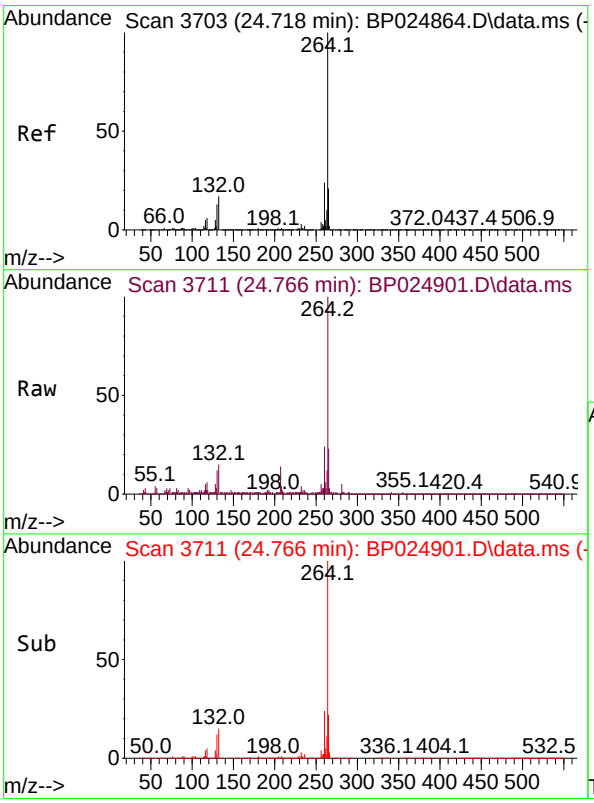
#83
Chrysene
Concen: 8.038 ng
RT: 21.548 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:228 Resp: 744662

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	22.6	15.6	23.4

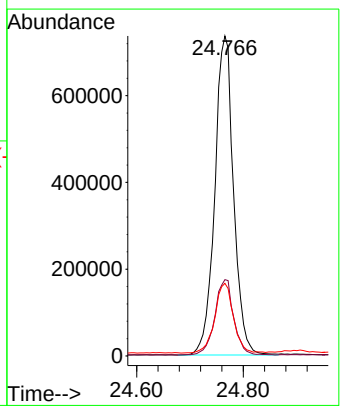


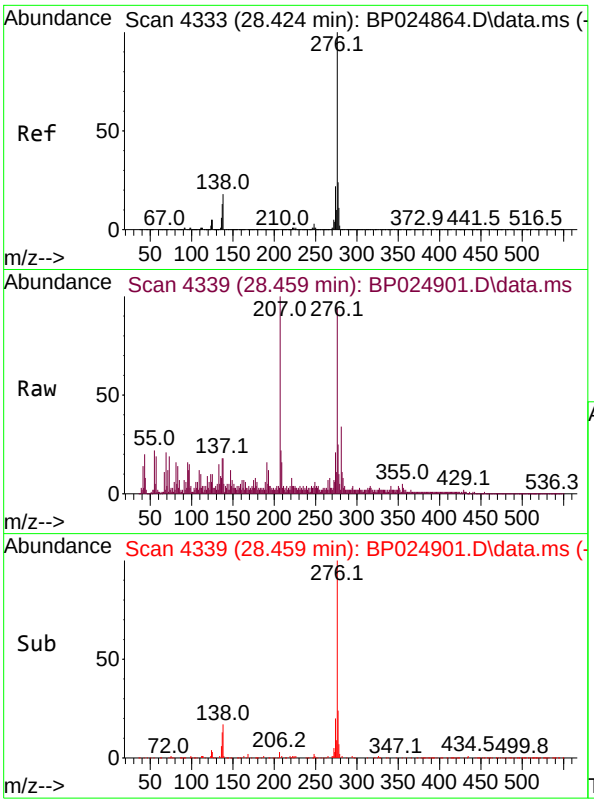


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.766 min Scan# 3711
Delta R.T. 0.047 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion:264 Resp: 1800536

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	22.7	17.4	26.0



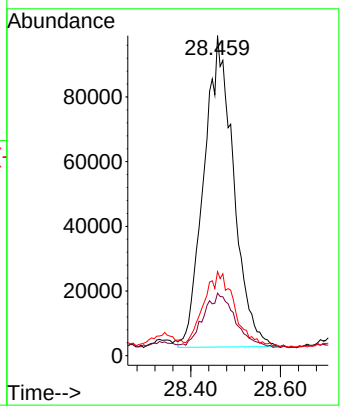


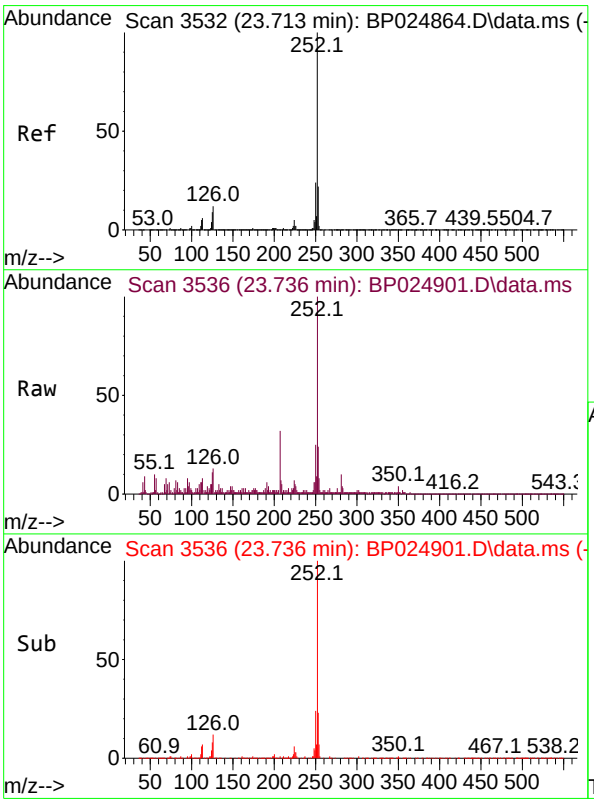
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.361 ng
RT: 28.459 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:276 Resp: 441583

Ion	Ratio	Lower	Upper
276	100		
138	18.2	18.6	27.8#
277	25.1	20.2	30.4

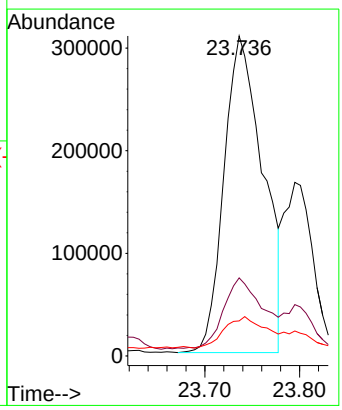


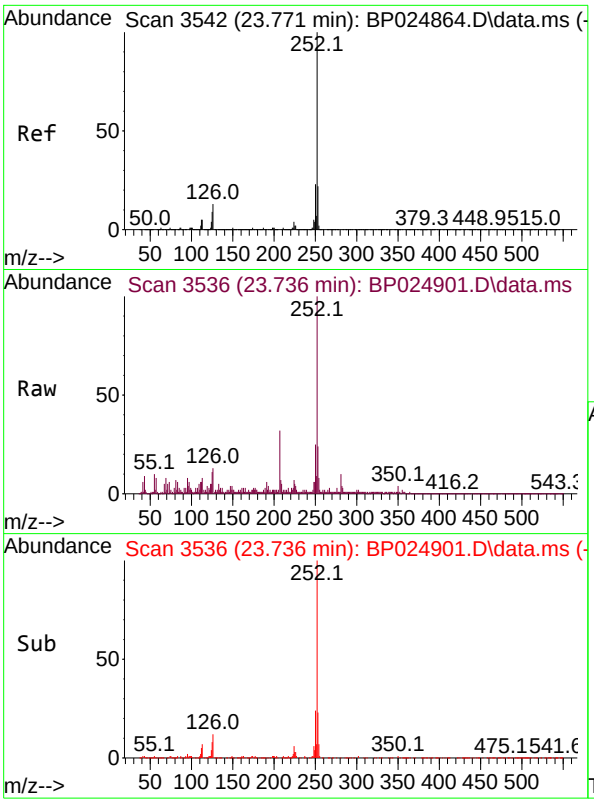


#88
Benzo(b)fluoranthene
Concen: 8.587 ng
RT: 23.736 min Scan# 3536
Delta R.T. 0.024 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion:252 Resp: 884835

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	10.9	7.1	10.7#



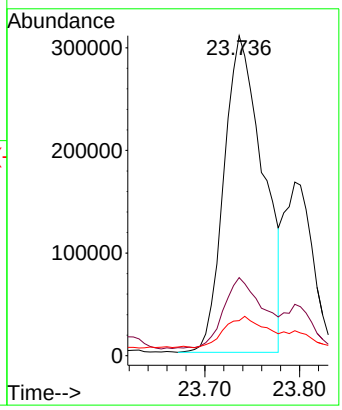


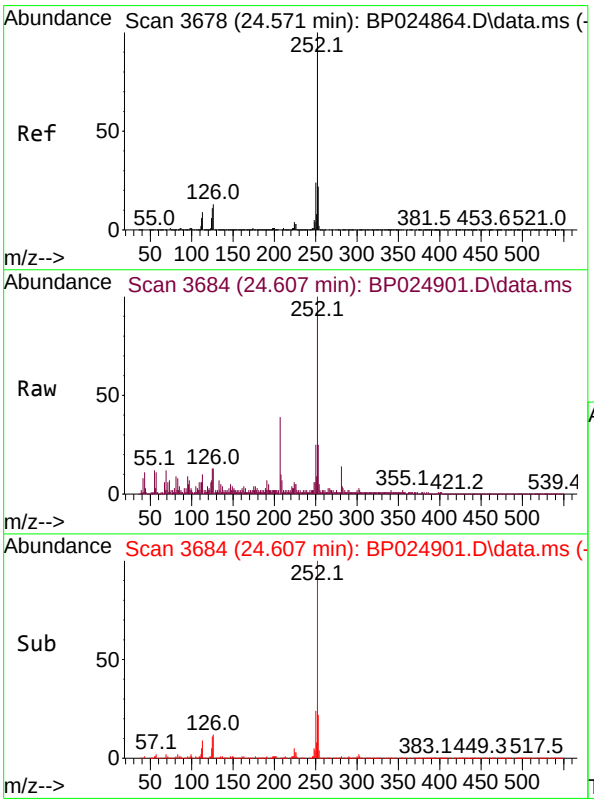
#89
Benzo(k)fluoranthene
Concen: 8.436 ng
RT: 23.736 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:252 Resp: 884835

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	10.9	7.4	11.0

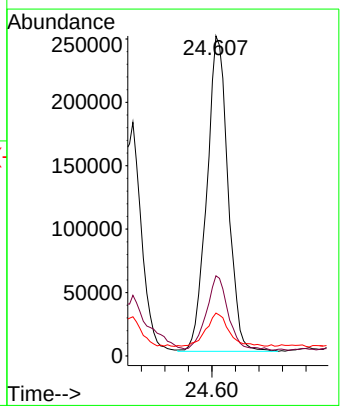


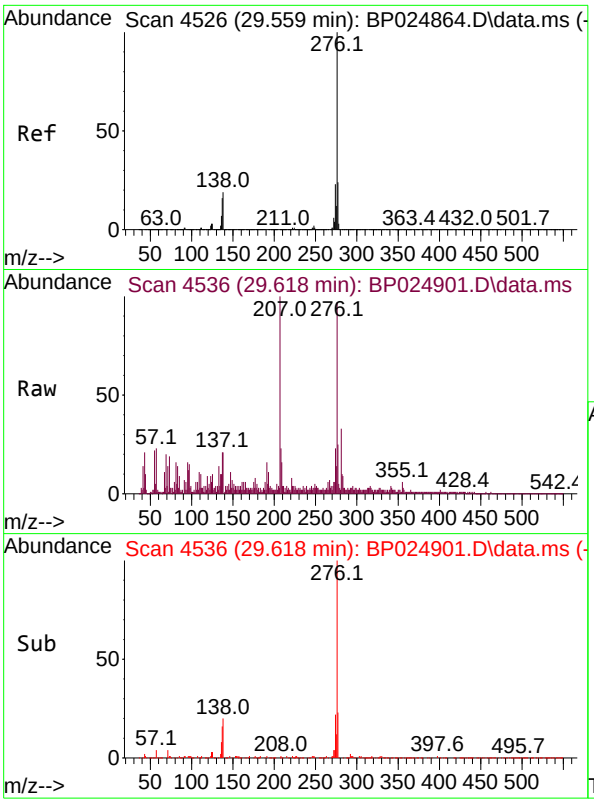


#90
Benzo(a)pyrene
Concen: 6.169 ng
RT: 24.607 min Scan# 3684
Delta R.T. 0.035 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Tgt Ion:252 Resp: 620829

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	13.4	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 4.071 ng
RT: 29.618 min Scan# 4
Delta R.T. 0.059 min
Lab File: BP024901.D
Acq: 10 Jun 2025 19:51

Instrument :
BNA_P
ClientSampleId :
TP-26

Tgt Ion:276 Resp: 431887

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.1	28.7
138	21.9	15.4	23.2