Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
Data File : BP024371.D
Acq On : 21 Apr 2025 21:01
Operator : RC/JU
Sample : Q1842-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Quant Time: Apr 22 01:03:11 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	7.722	152	255338	20.000	ng	0.00
21) Naphthalene-d8	10.492	136	1012860	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	601932	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1162898	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1315889	20.000	ng	0.00
86) Perylene-d12	24.933	264	1565997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1111102	71.950	ng	0.00
7) Phenol-d6	6.910	99	1506279	71.234	ng	0.00
23) Nitrobenzene-d5	8.869	82	860102	48.421	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	635819	76.347	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1782582	45.343	ng	0.00
79) Terphenyl-d14	19.874	244	2966275	45.436	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.069	152	145385	2.792	ng	99
58) Fluorene	15.410	166	174768	4.184	ng	99
71) Phenanthrene	17.192	178	2970260	46.821	ng	100
72) Anthracene	17.286	178	400658	6.553	ng	99
73) Carbazole	17.569	167	222287	3.721	ng	99
75) Fluoranthene	19.280	202	5157561	68.357	ng	98
78) Pyrene	19.651	202	4394772	52.553	ng	100
81) Benzo(a)anthracene	21.568	228	1828402	22.355	ng	99
83) Chrysene	21.633	228	1819067	23.214	ng	98
87) Indeno(1,2,3-cd)pyrene	28.721	276	1651535	15.191	ng	96
88) Benzo(b)fluoranthene	23.880	252	2824681	30.092	ng	99
89) Benzo(k)fluoranthene	23.945	252	950197m	10.480	ng	
90) Benzo(a)pyrene	24.774	252	2079291	25.680	ng	99
91) Dibenzo(a,h)anthracene	28.768	278	332145	3.681	ng	93
92) Benzo(g,h,i)perylene	29.903	276	1715742	18.680	ng	98

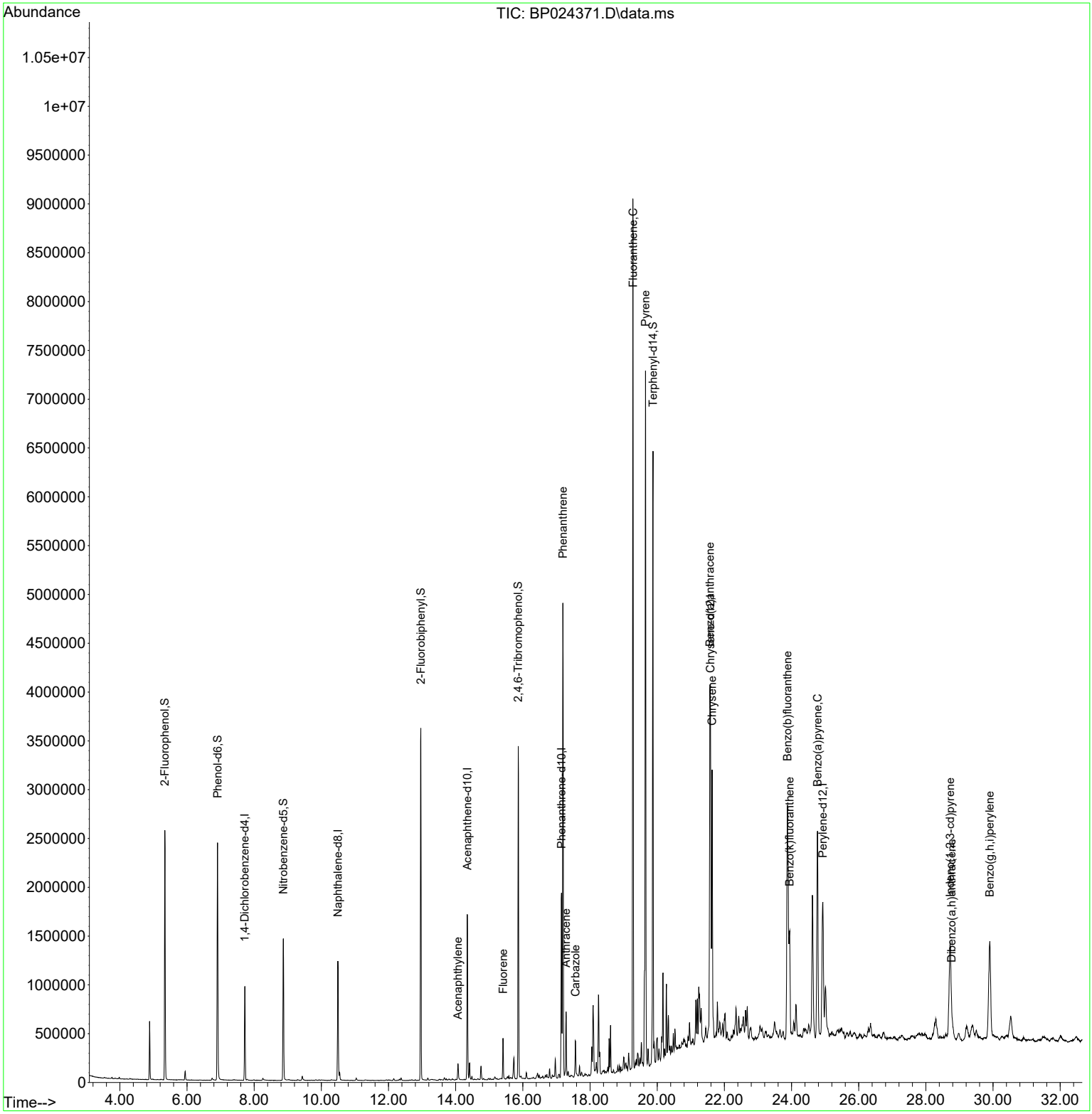
(#) = qualifier out of range (m) = manual integration (+) = signals summed

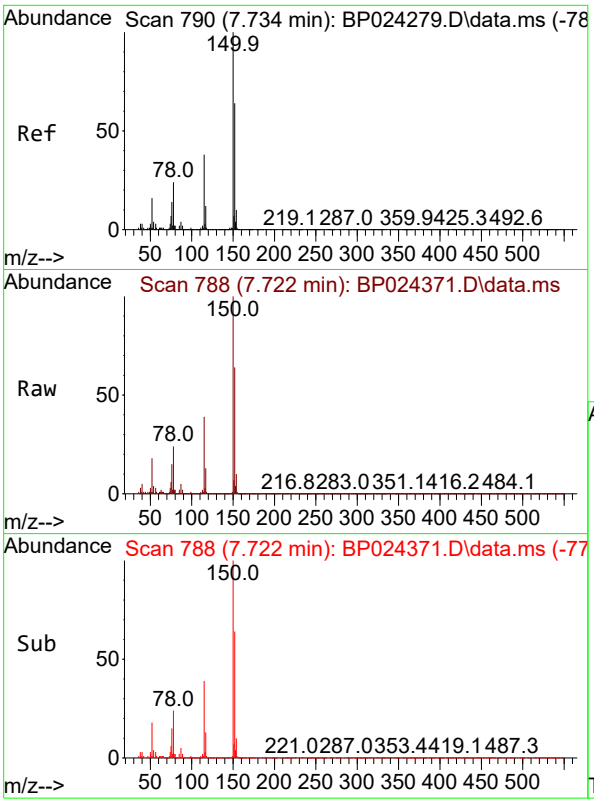
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
Data File : BP024371.D
Acq On : 21 Apr 2025 21:01
Operator : RC/JU
Sample : Q1842-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Quant Time: Apr 22 01:03:11 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



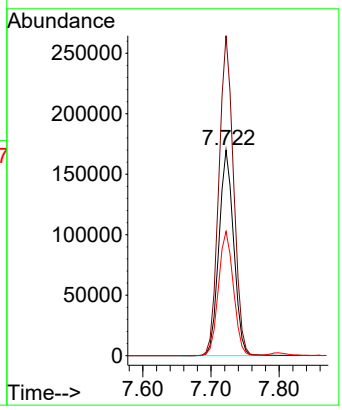


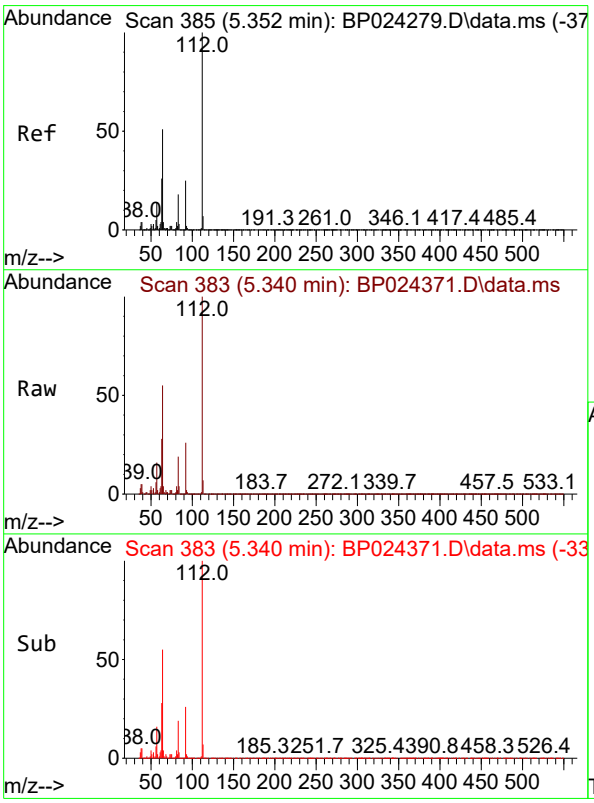
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:152 Resp: 255338

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.9	187.3
115	60.4	47.7	71.5

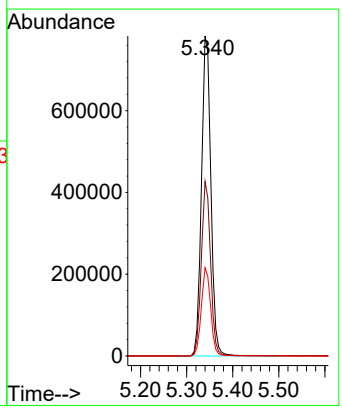


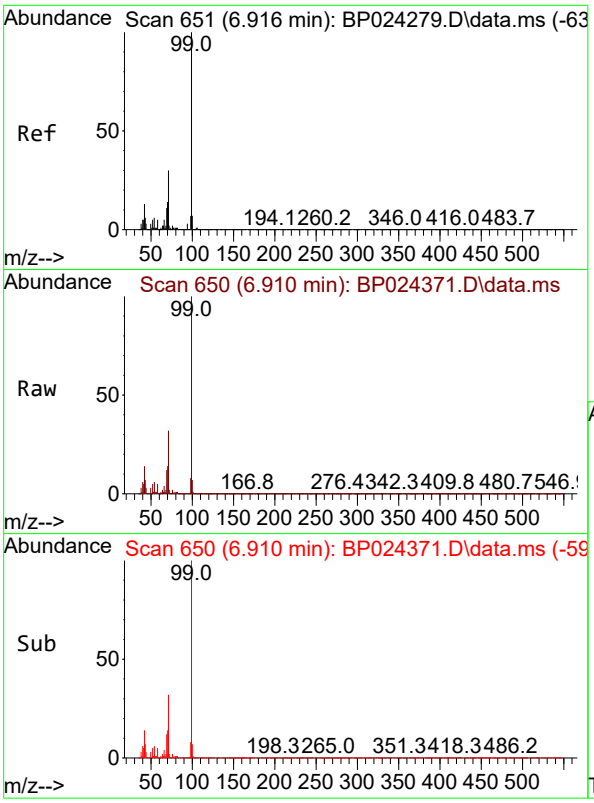


#5
2-Fluorophenol
Concen: 71.950 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:112 Resp: 1111102

Ion	Ratio	Lower	Upper
112	100		
64	54.5	41.1	61.7
63	27.6	20.6	30.8



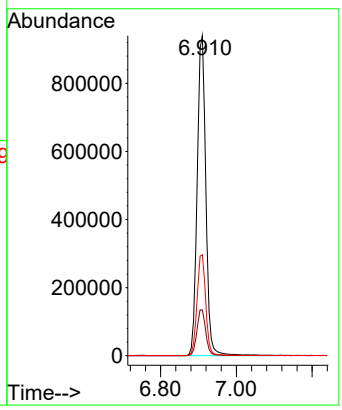


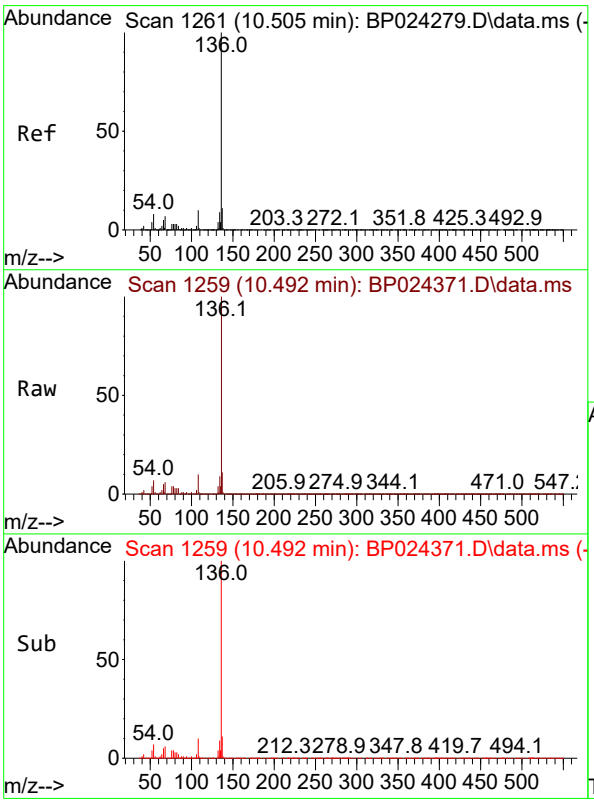
#7
Phenol-d6
Concen: 71.234 ng
RT: 6.910 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion: 99 Resp: 1506279

Ion	Ratio	Lower	Upper
99	100		
42	14.3	10.6	16.0
71	31.5	23.7	35.5

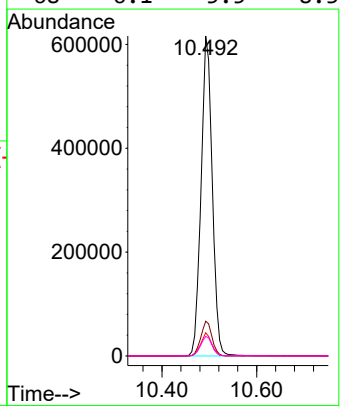


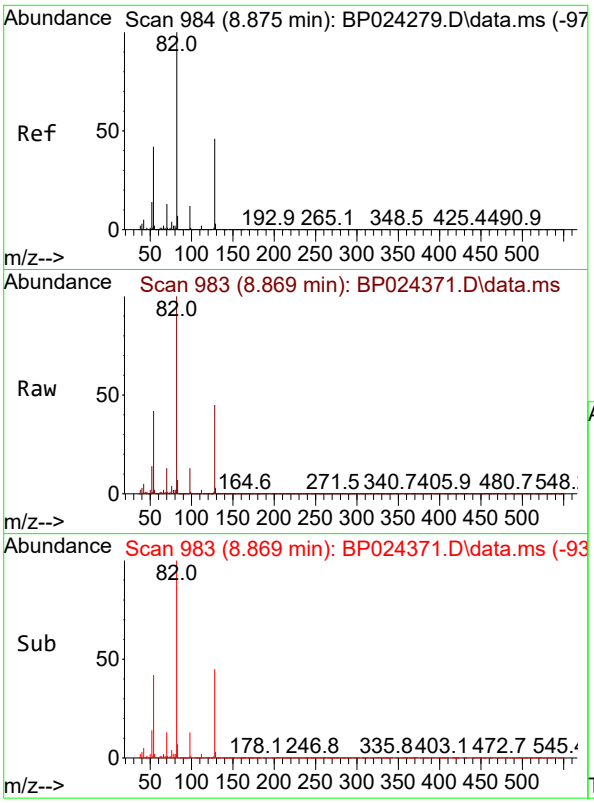


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.492 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:136 Resp: 1012860

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.2	6.0	9.0
68	6.1	5.5	8.3



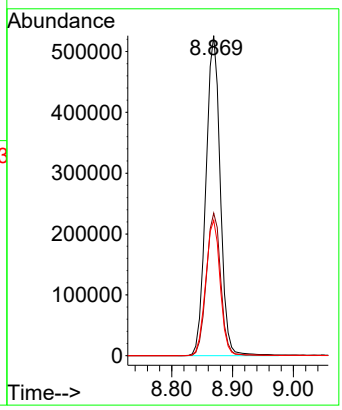


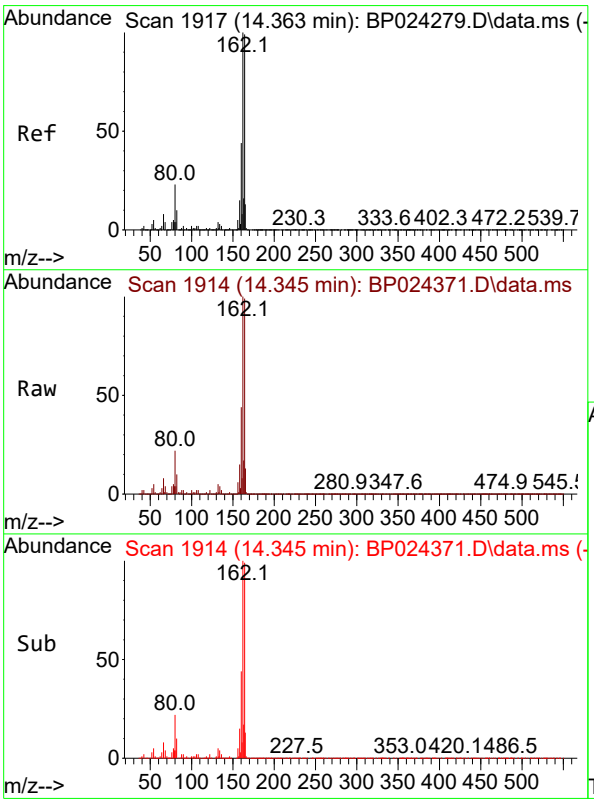
#23
Nitrobenzene-d5
Concen: 48.421 ng
RT: 8.869 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion: 82 Resp: 860102

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.5	54.7
54	42.3	33.4	50.2

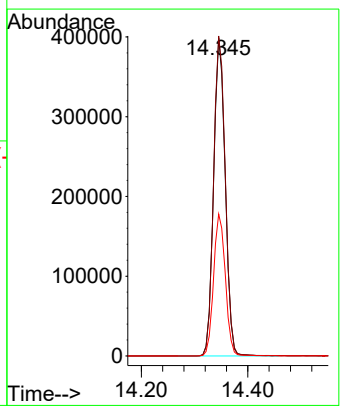


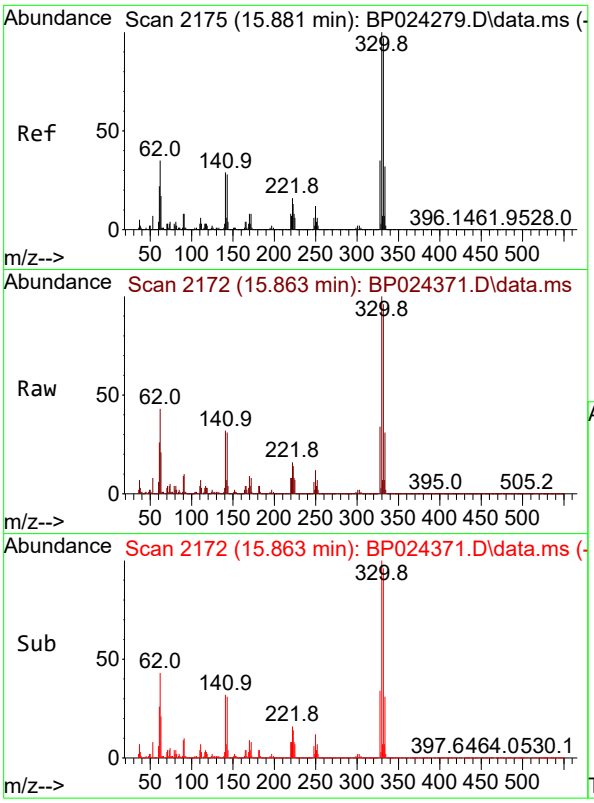


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:164 Resp: 601932

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	44.6	35.3	52.9



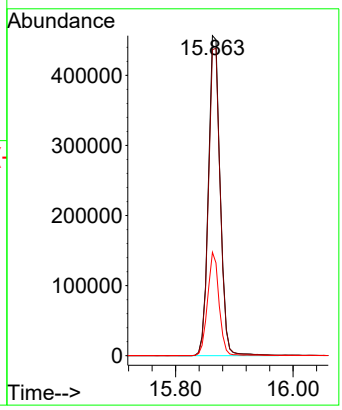


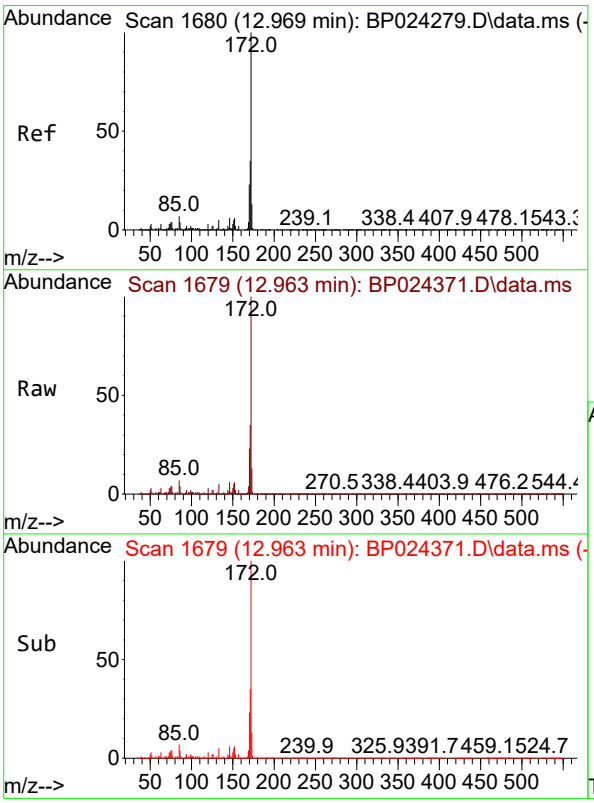
#42
2,4,6-Tribromophenol
Concen: 76.347 ng
RT: 15.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:330 Resp: 635819

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	31.5	24.7	37.1

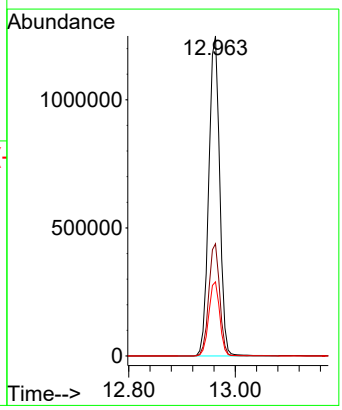


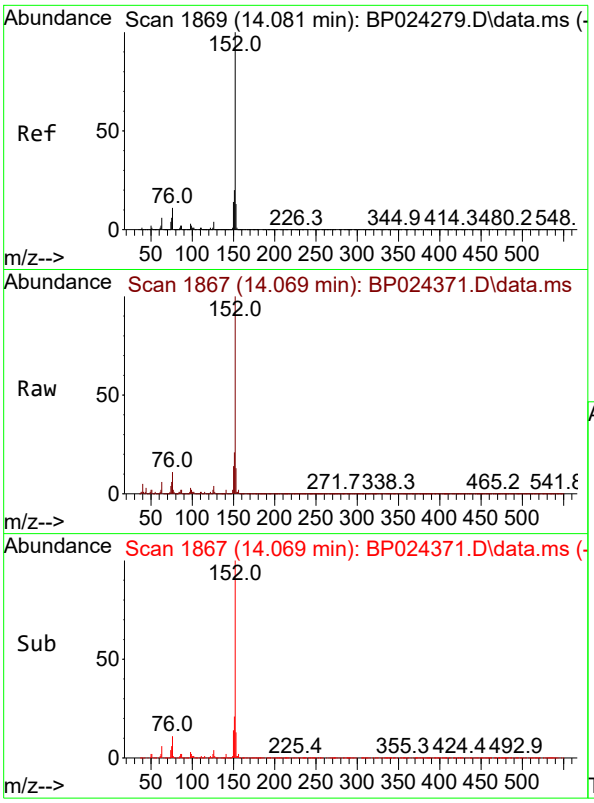


#45
2-Fluorobiphenyl
Concen: 45.343 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:172 Resp: 1782582

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.2	18.6	27.8



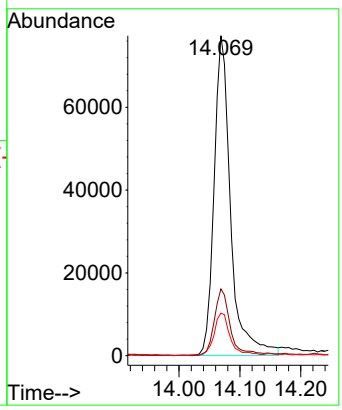


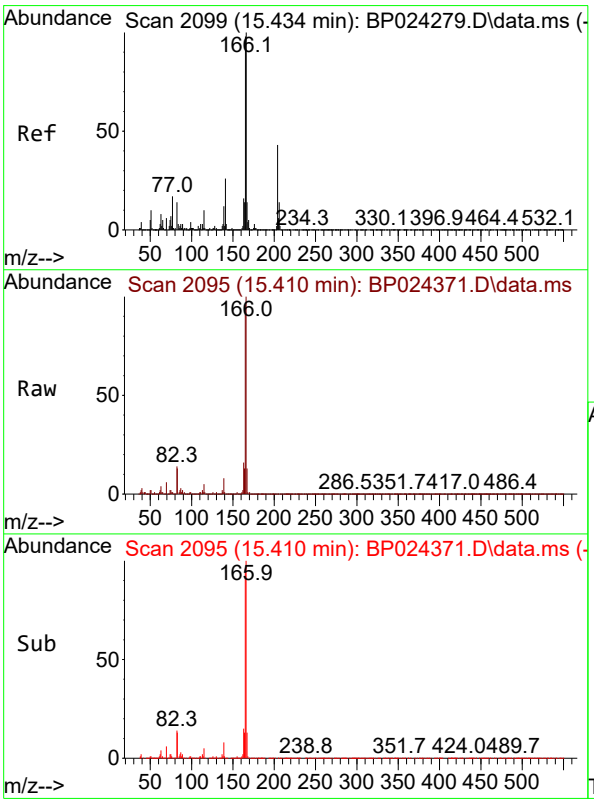
#49
Acenaphthylene
Concen: 2.792 ng
RT: 14.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:152 Resp: 145385

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.9	23.9
153	13.3	10.6	15.8

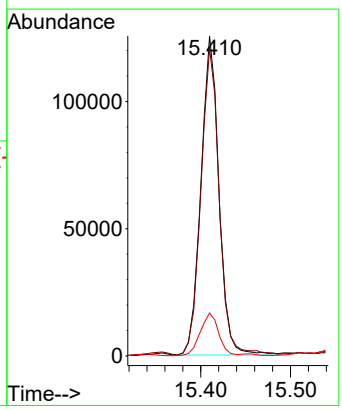


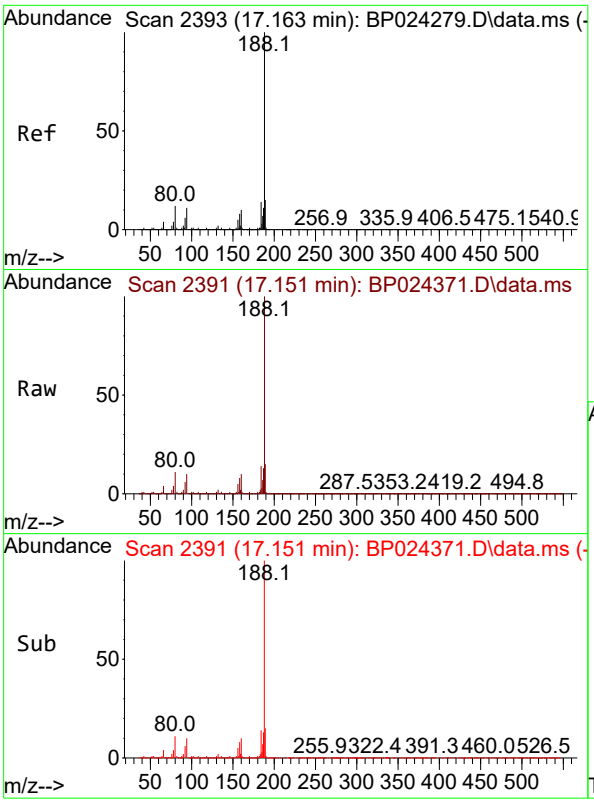


#58
Fluorene
Concen: 4.184 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:166 Resp: 174768

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.1	117.1
167	13.5	10.9	16.3



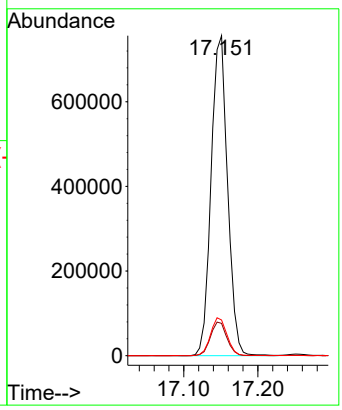


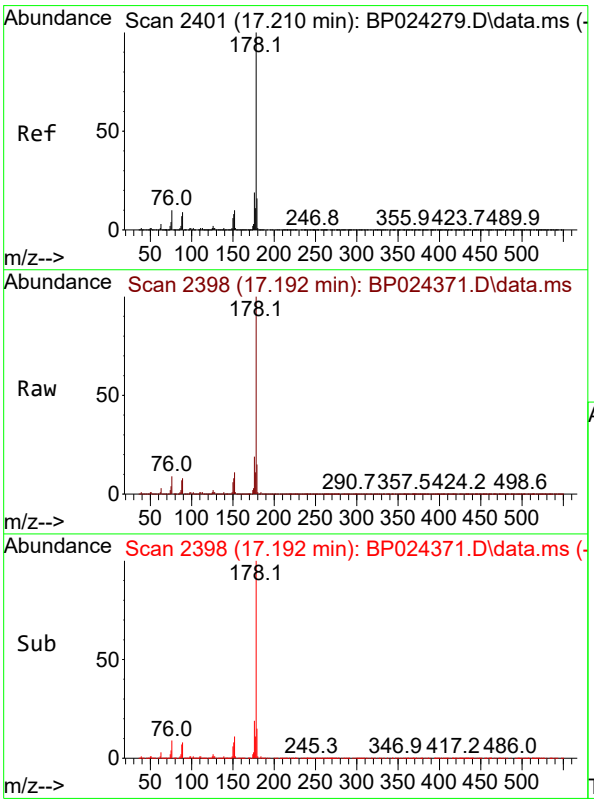
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:188 Resp: 1162898

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.6	13.0
80	11.2	9.8	14.6

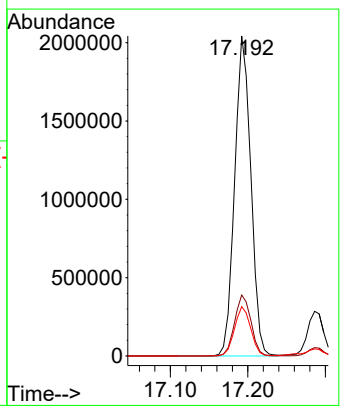


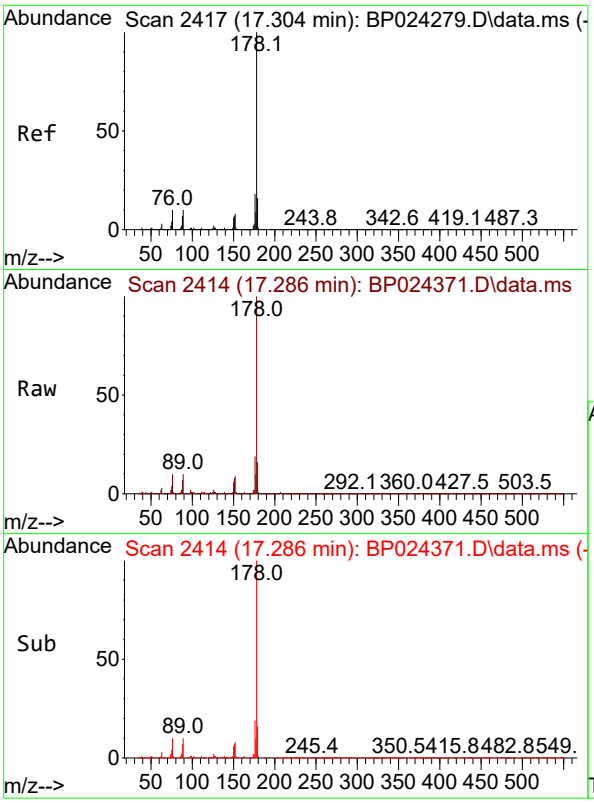


#71
Phenanthrene
Concen: 46.821 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:178 Resp: 2970260

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.4	12.5	18.7



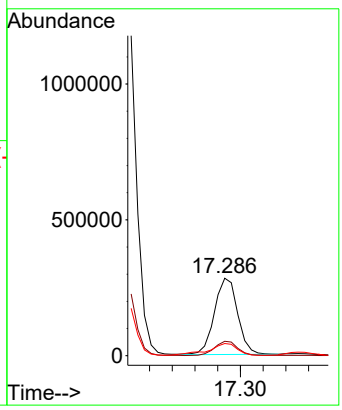


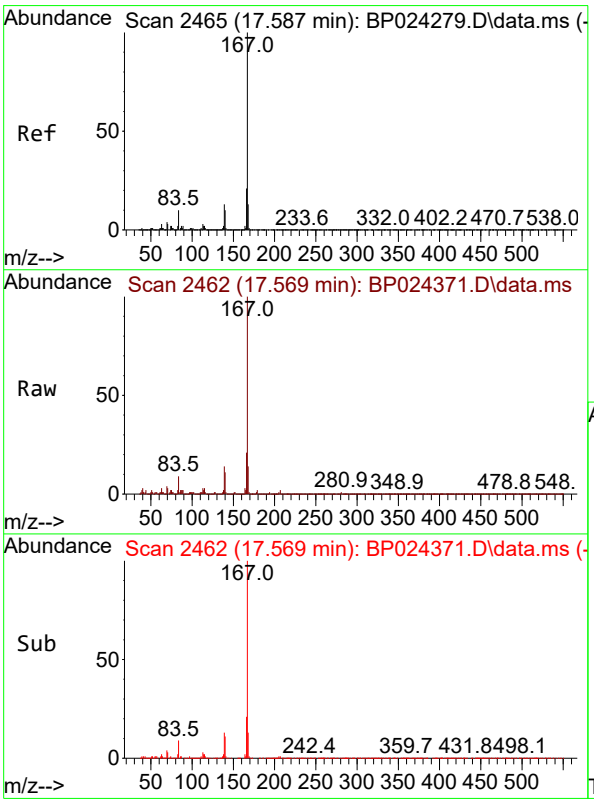
#72
Anthracene
Concen: 6.553 ng
RT: 17.286 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:178 Resp: 400658

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.7	12.4	18.6

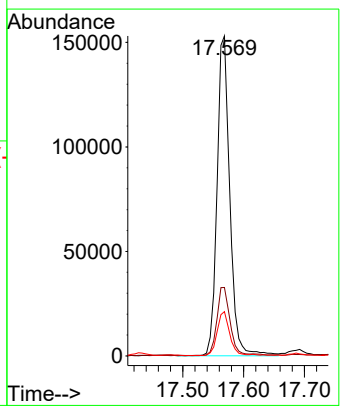


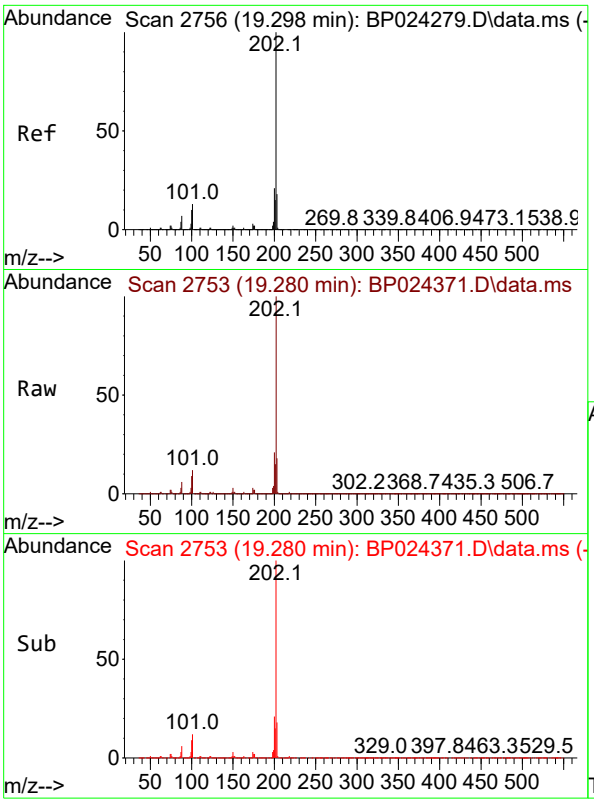


#73
Carbazole
Concen: 3.721 ng
RT: 17.569 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:167 Resp: 222287

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.8	10.6	16.0



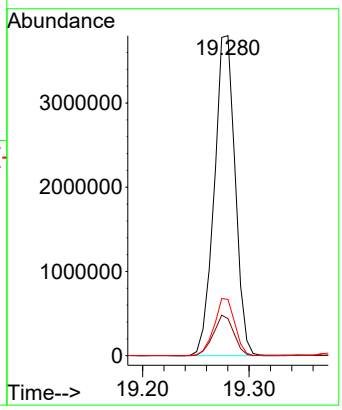


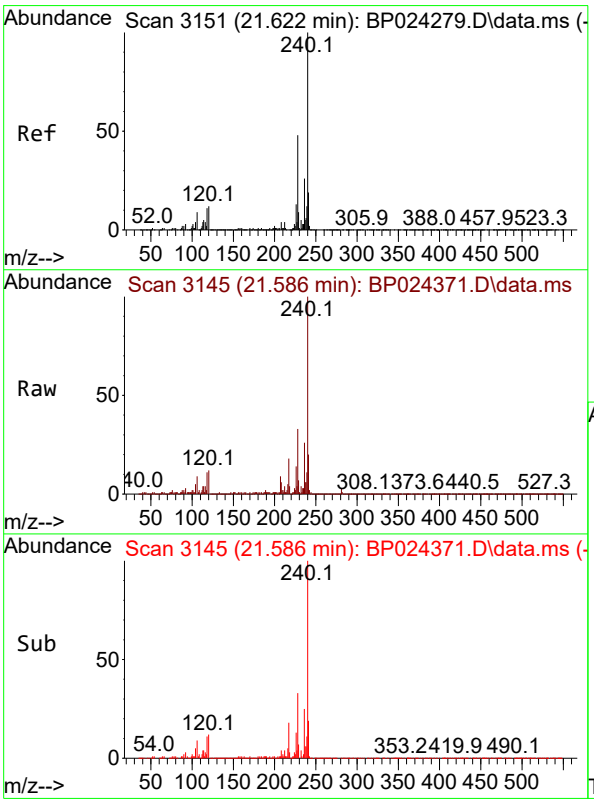
#75
Fluoranthene
Concen: 68.357 ng
RT: 19.280 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:202 Resp: 5157561

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.2
203	17.6	0.0	37.7

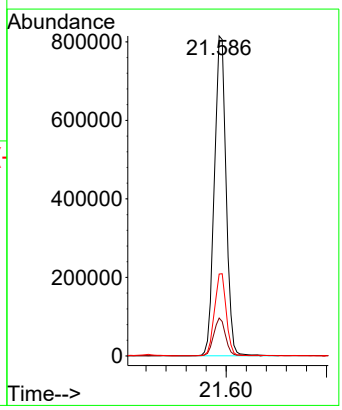


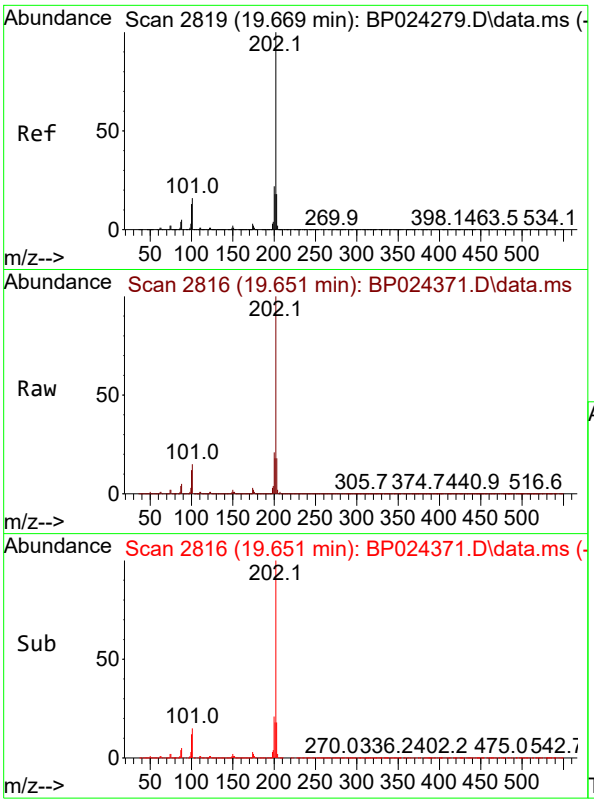


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:240 Resp: 1315889

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.8	14.8
236	25.6	20.9	31.3



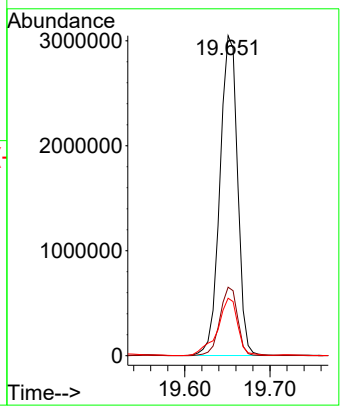


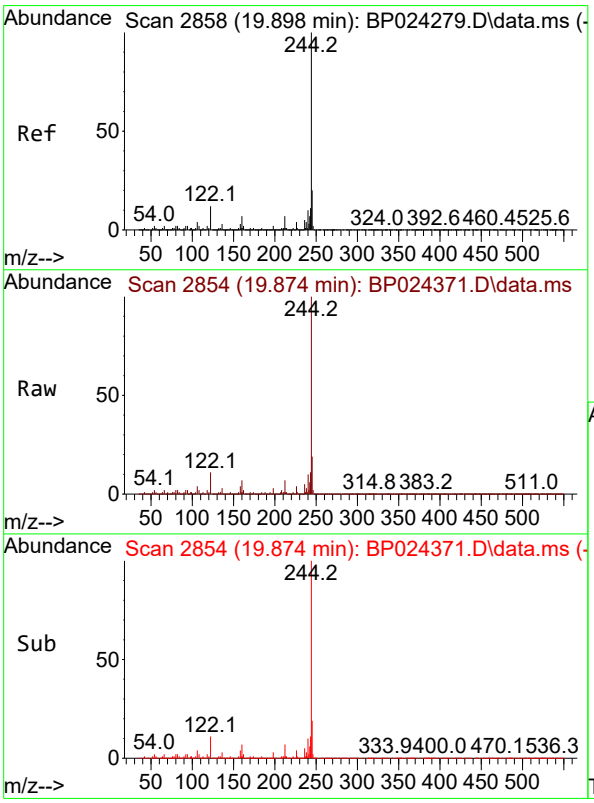
#78
Pyrene
Concen: 52.553 ng
RT: 19.651 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:202 Resp: 4394772

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	18.0	14.4	21.6

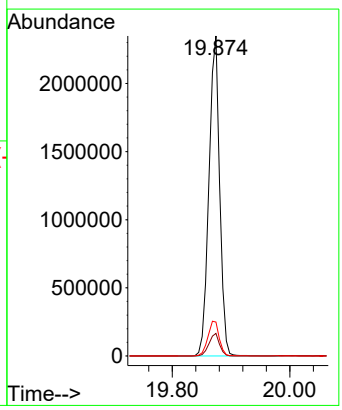


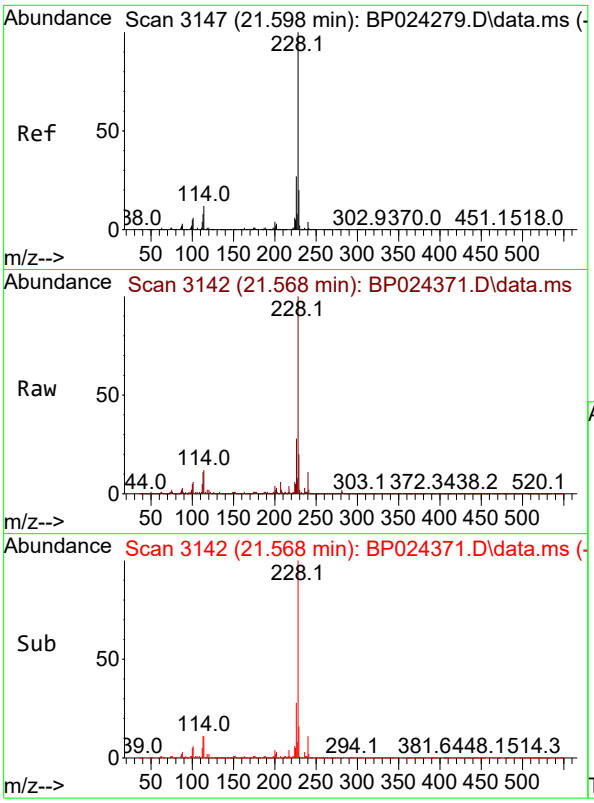


#79
Terphenyl-d14
Concen: 45.436 ng
RT: 19.874 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:244 Resp: 2966275

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.6	9.4	14.0



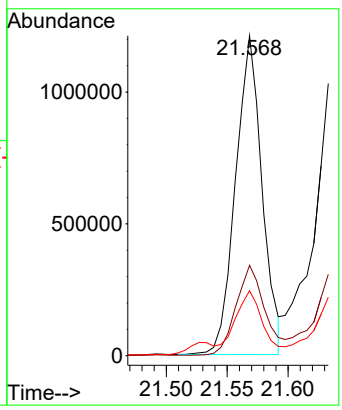


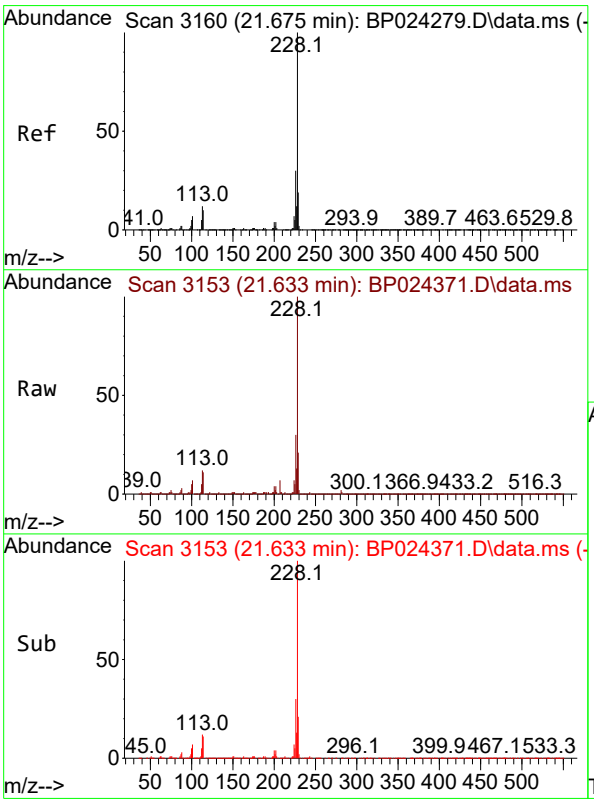
#81
Benzo(a)anthracene
Concen: 22.355 ng
RT: 21.568 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:228 Resp: 1828402

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	20.3	15.9	23.9

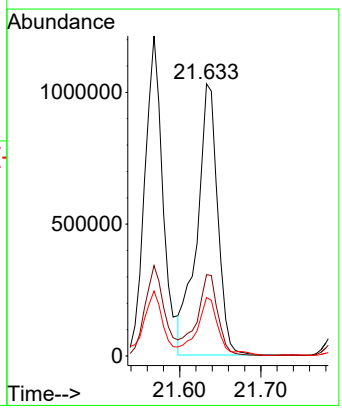


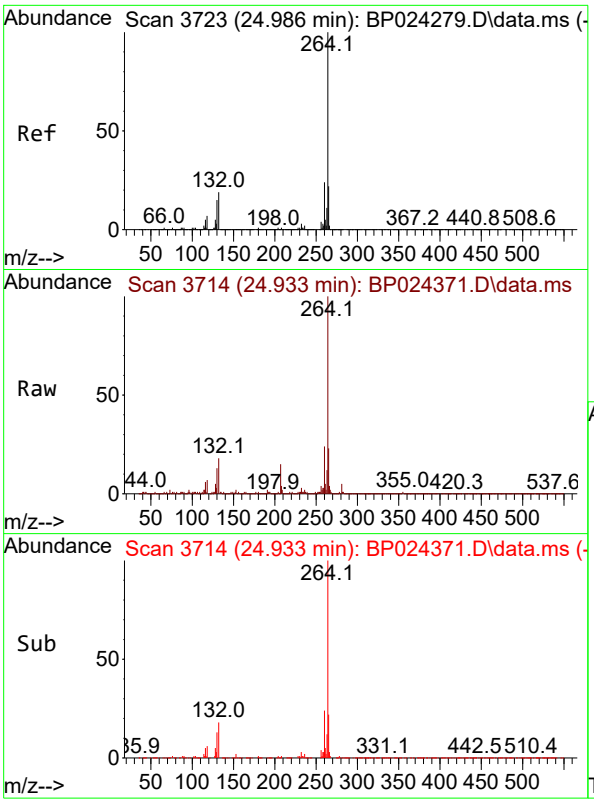


#83
Chrysene
Concen: 23.214 ng
RT: 21.633 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:228 Resp: 1819067

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	21.5	15.6	23.4



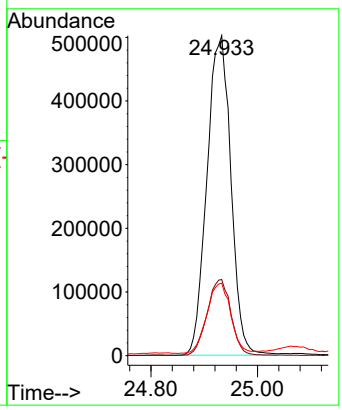


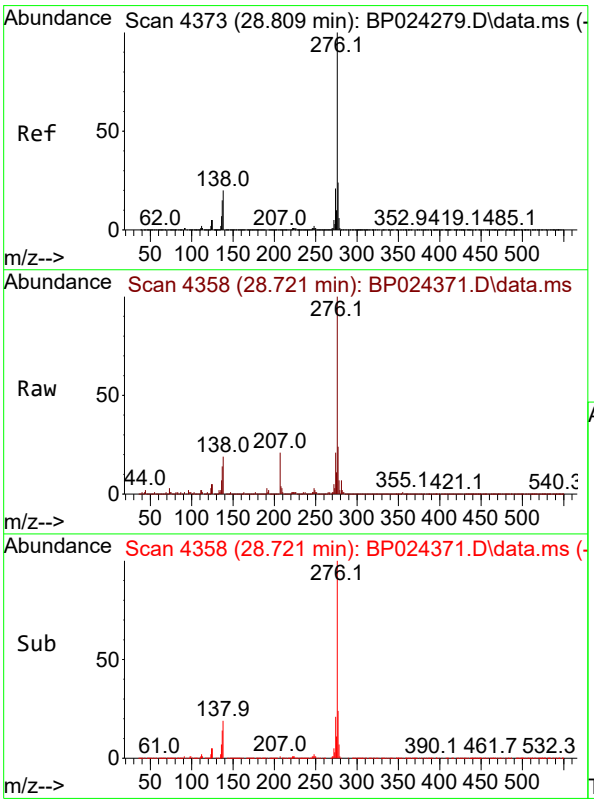
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.933 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:264 Resp: 1565997

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.6	17.8	26.6

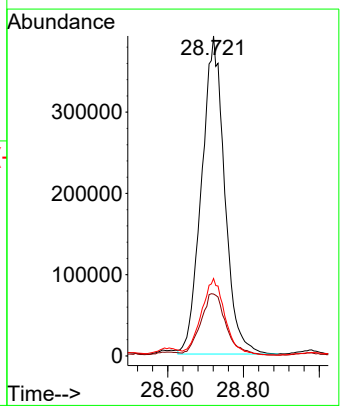


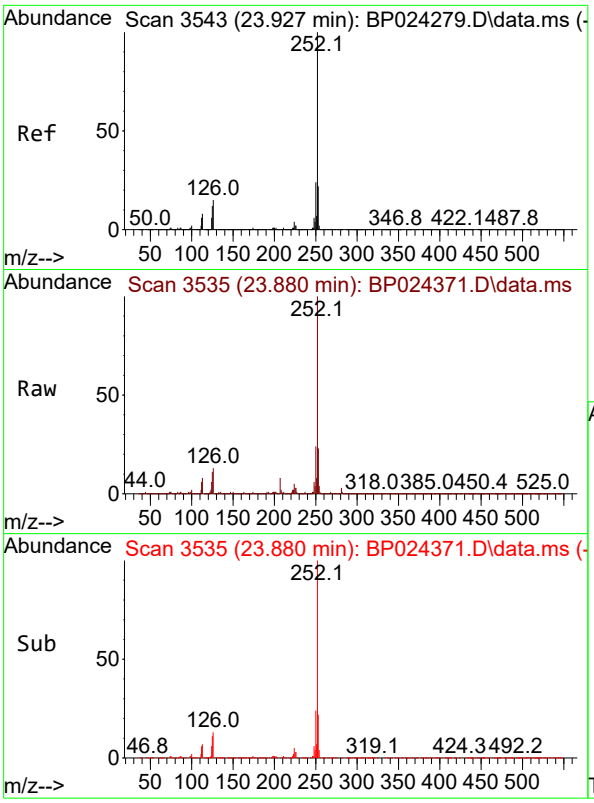


#87
Indeno(1,2,3-cd)pyrene
Concen: 15.191 ng
RT: 28.721 min Scan# 4358
Delta R.T. -0.018 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:276 Resp: 1651535

Ion	Ratio	Lower	Upper
276	100		
138	21.4	14.5	21.7
277	24.8	20.2	30.2



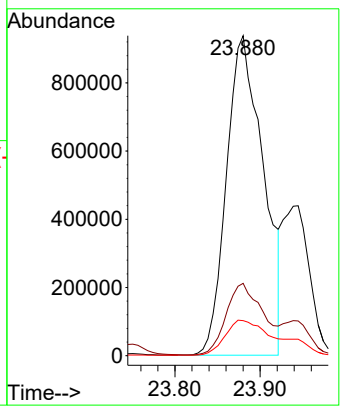


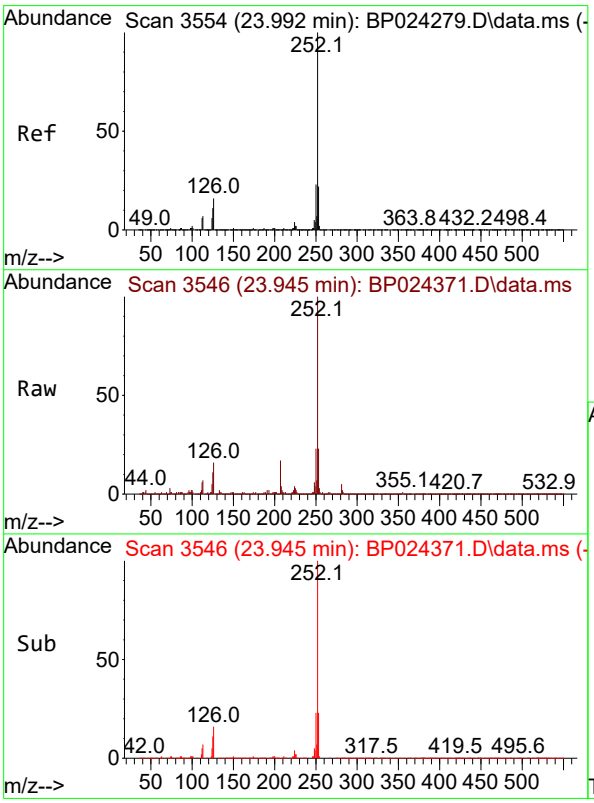
#88
Benzo(b)fluoranthene
Concen: 30.092 ng
RT: 23.880 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:252 Resp: 2824681

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	11.0	9.4	14.0

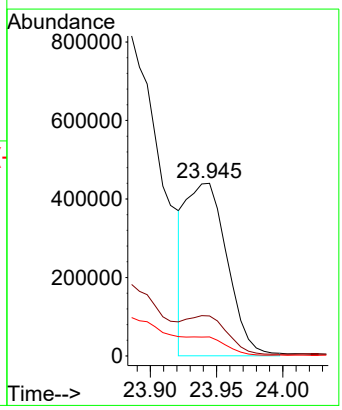


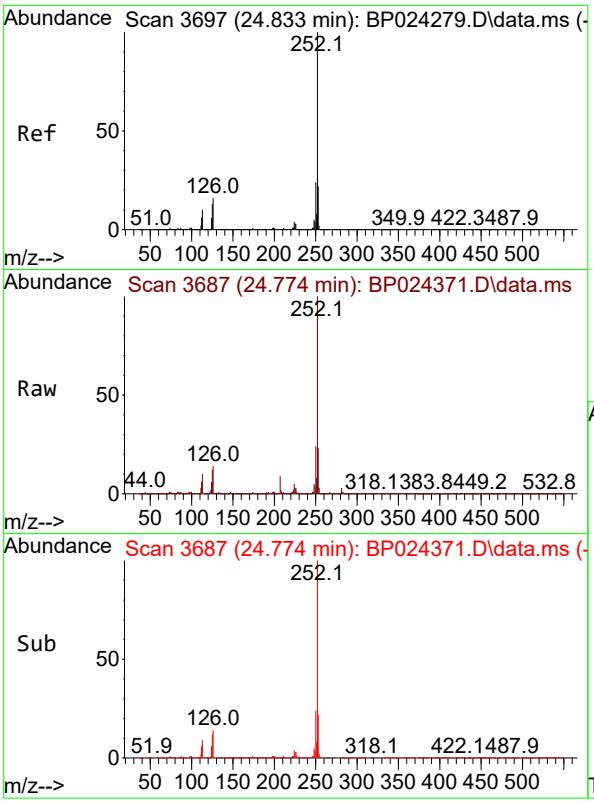


#89
Benzo(k)fluoranthene
Concen: 10.480 ng m
RT: 23.945 min Scan# 3546
Delta R.T. -0.012 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:252 Resp: 950197

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	11.0	9.1	13.7



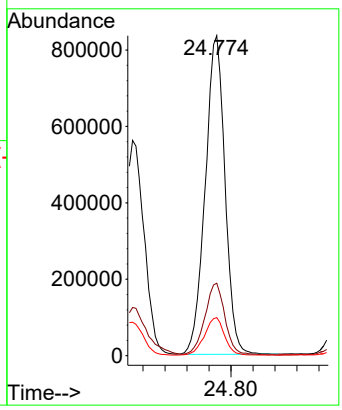


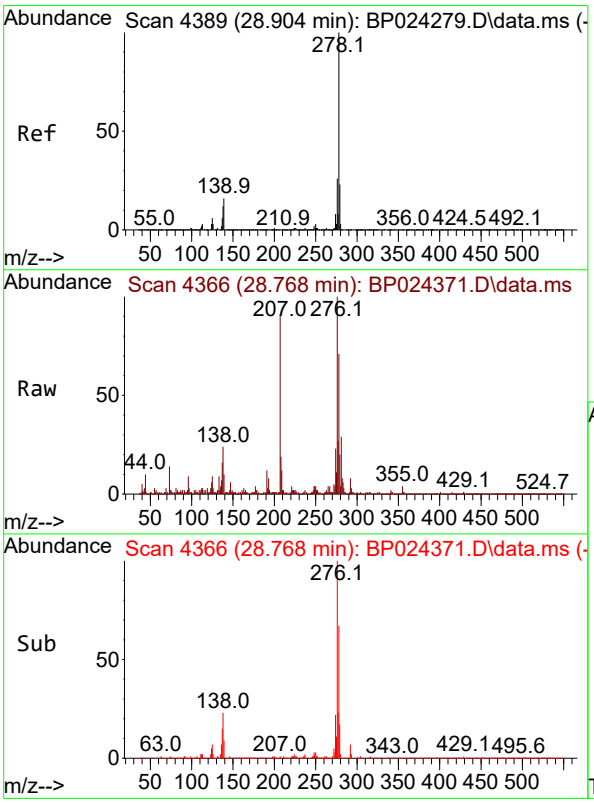
#90
Benzo(a)pyrene
Concen: 25.680 ng
RT: 24.774 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:252 Resp: 2079291

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.9	10.1	15.1

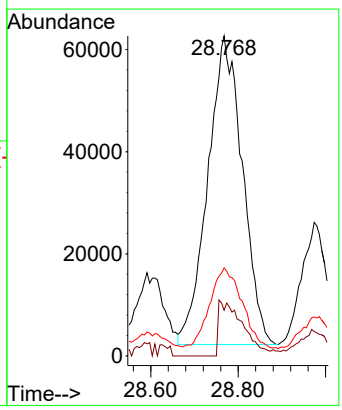


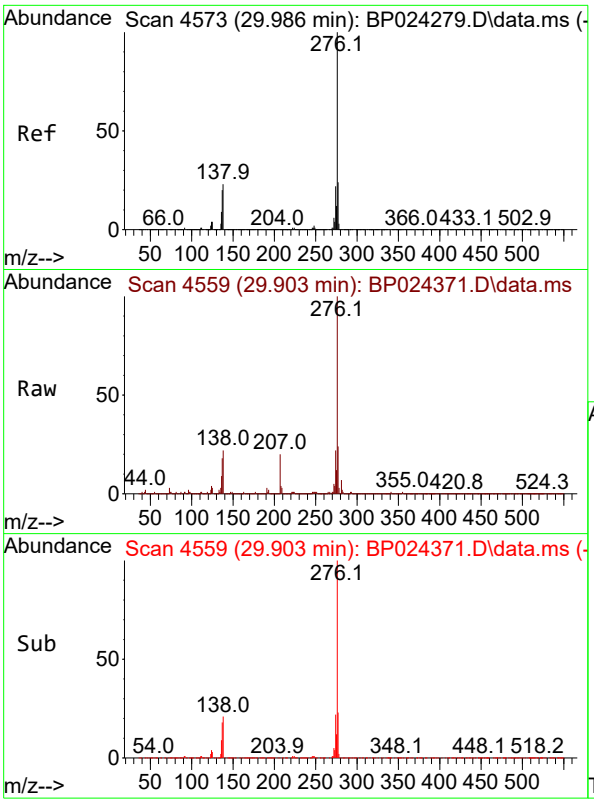


#91
Dibenzo(a,h)anthracene
Concen: 3.681 ng
RT: 28.768 min Scan# 4366
Delta R.T. -0.035 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Tgt Ion:278 Resp: 332145

Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.6	19.0
279	27.5	18.5	27.7





#92
Benzo(g,h,i)perylene
Concen: 18.680 ng
RT: 29.903 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP024371.D
Acq: 21 Apr 2025 21:01

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

Tgt Ion:276 Resp: 1715742

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	21.5	18.7	28.1