Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
Data File : BP024815.D
Acq On : 28 May 2025 14:49
Operator : RC/JU
Sample : Q2128-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Quant Time: May 28 15:36:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	82980	20.000	ng		0.00
21) Naphthalene-d8	10.416	136	320918	20.000	ng		0.00
39) Acenaphthene-d10	14.275	164	196512	20.000	ng		0.00
64) Phenanthrene-d10	17.069	188	434367	20.000	ng		0.00
76) Chrysene-d12	21.492	240	681821	20.000	ng		0.00
86) Perylene-d12	24.762	264	908350	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	519991	107.180	ng		0.00
7) Phenol-d6	6.846	99	642739	103.802	ng		0.00
23) Nitrobenzene-d5	8.793	82	353934	55.725	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	445316	133.671	ng		0.01
45) 2-Fluorobiphenyl	12.881	172	783259	52.219	ng		0.00
79) Terphenyl-d14	19.786	244	1980683	49.812	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.116	178	104917	4.345	ng		99
75) Fluoranthene	19.198	202	331287	11.737	ng		99
78) Pyrene	19.575	202	327062	8.006	ng		99
81) Benzo(a)anthracene	21.474	228	222514	5.197	ng		98
83) Chrysene	21.539	228	199988	4.928	ng		98
87) Indeno(1,2,3-cd)pyrene	28.468	276	189603	2.859	ng	#	89
88) Benzo(b)fluoranthene	23.727	252	338272	6.506	ng		98
89) Benzo(k)fluoranthene	23.792	252	124804m	2.330	ng		
90) Benzo(a)pyrene	24.598	252	259247	5.192	ng		99
92) Benzo(g,h,i)perylene	29.603	276	199229	3.714	ng		98

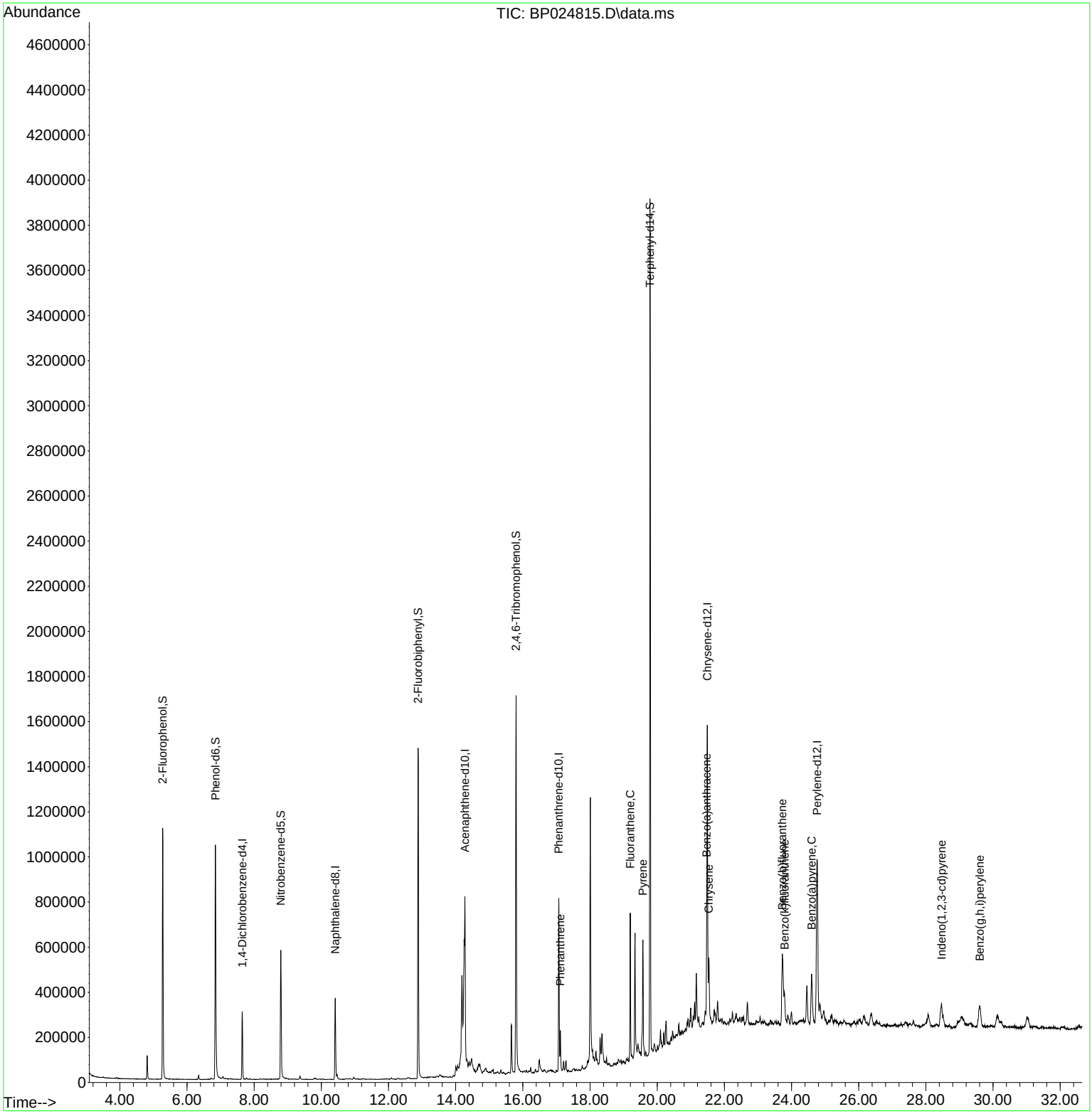
(#) = qualifier out of range (m) = manual integration (+) = signals summed

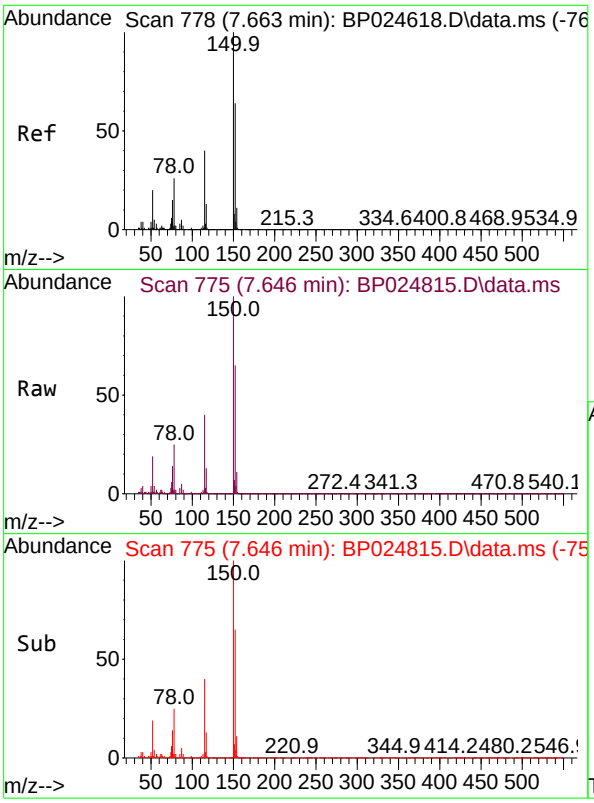
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
Data File : BP024815.D
Acq On : 28 May 2025 14:49
Operator : RC/JU
Sample : Q2128-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Quant Time: May 28 15:36:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration



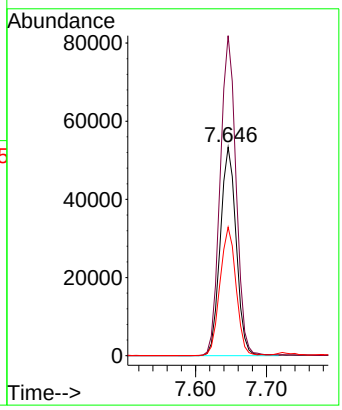


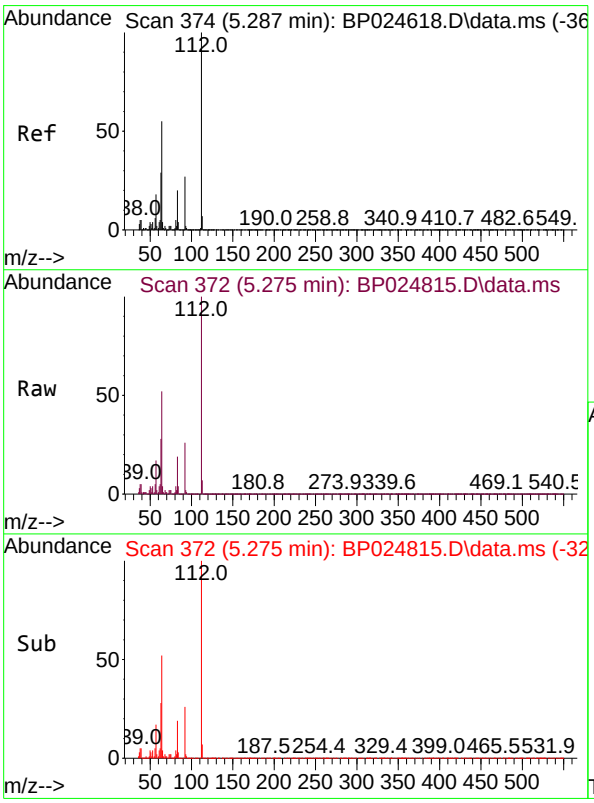
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion:152 Resp: 82980

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.9	188.9
115	61.7	50.1	75.1

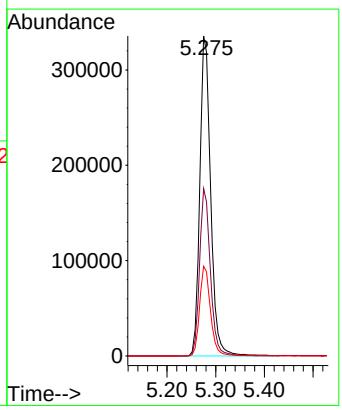


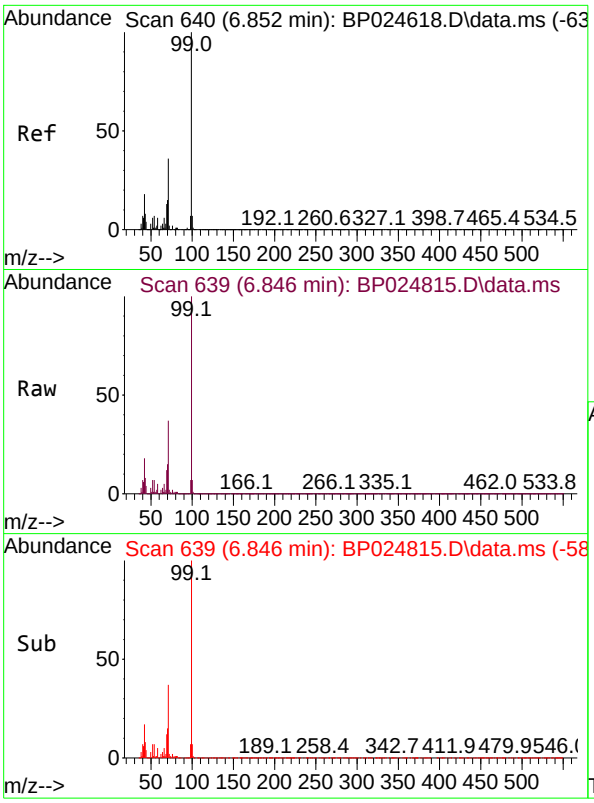


#5
2-Fluorophenol
Concen: 107.180 ng
RT: 5.275 min Scan# 372
Delta R.T. -0.006 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:112 Resp: 519991

Ion	Ratio	Lower	Upper
112	100		
64	52.3	44.1	66.1
63	28.1	23.5	35.3



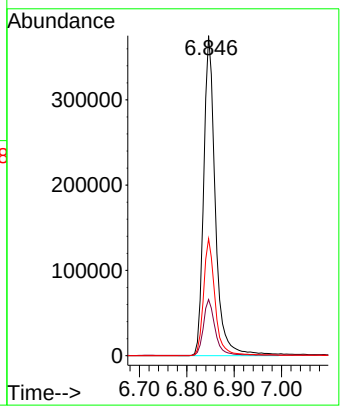


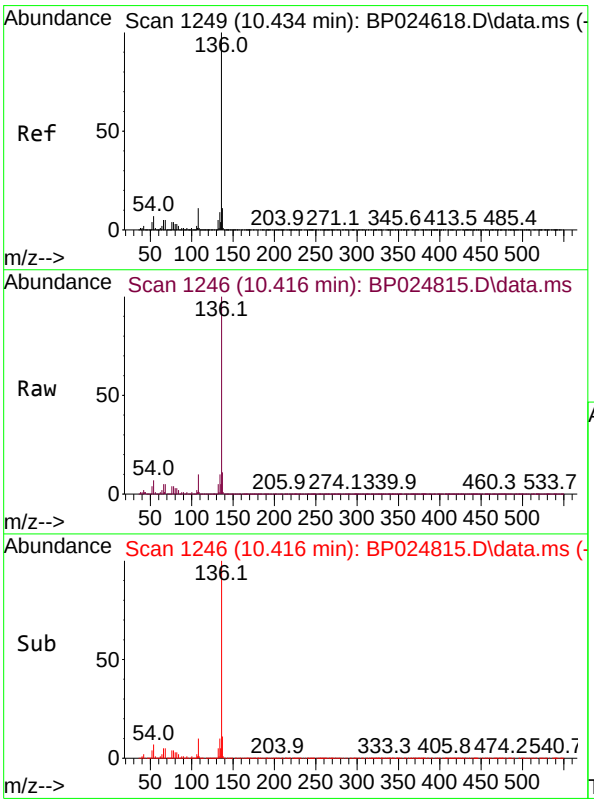
#7
Phenol-d6
Concen: 103.802 ng
RT: 6.846 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion: 99 Resp: 642739

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.4	21.6
71	36.6	29.2	43.8

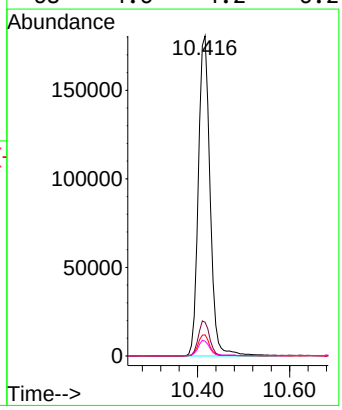


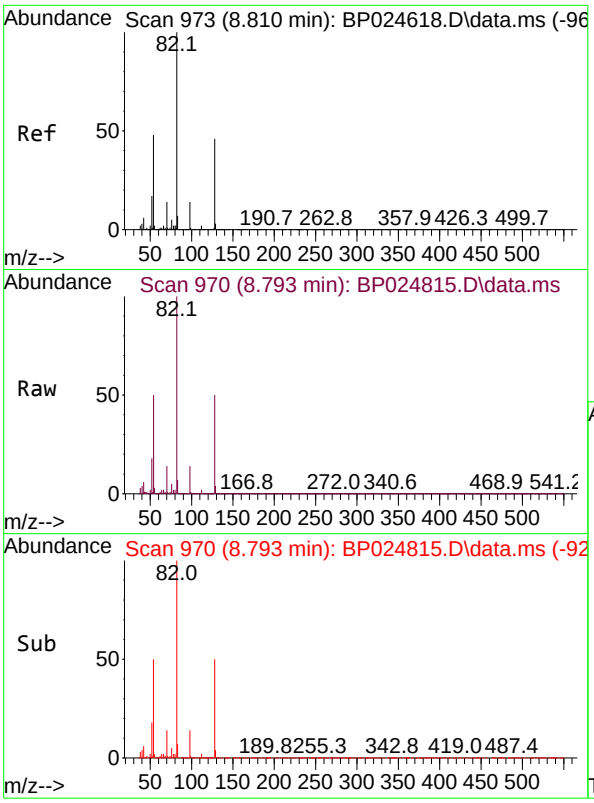


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:136 Resp: 320918

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.6	5.5	8.3
68	4.6	4.2	6.2



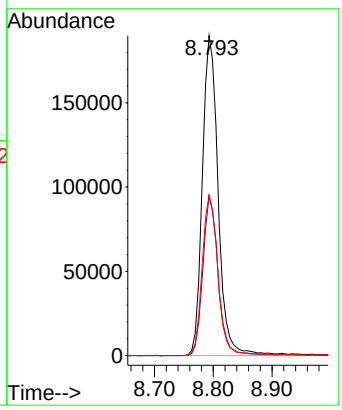


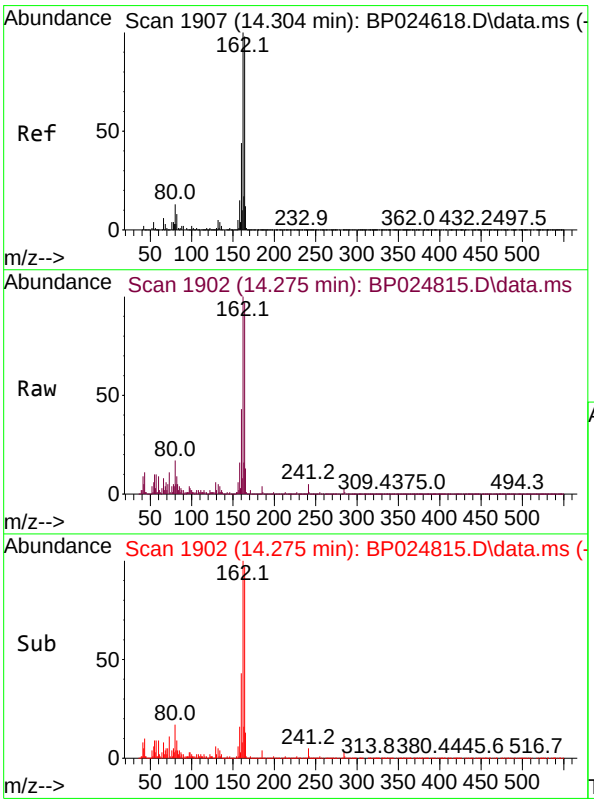
#23
Nitrobenzene-d5
Concen: 55.725 ng
RT: 8.793 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion: 82 Resp: 353934

Ion	Ratio	Lower	Upper
82	100		
128	49.8	37.0	55.4
54	50.2	38.7	58.1

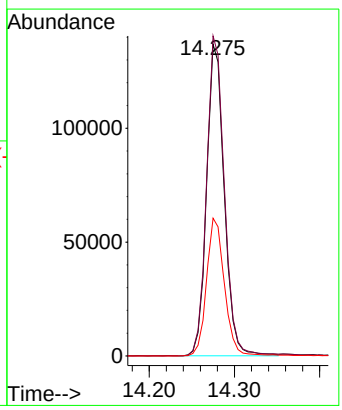


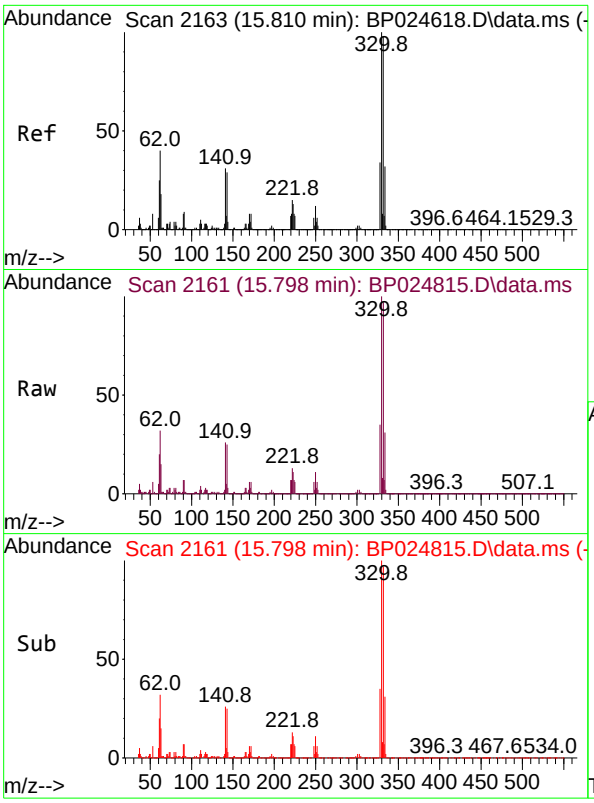


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:164 Resp: 196512

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	44.2	36.3	54.5



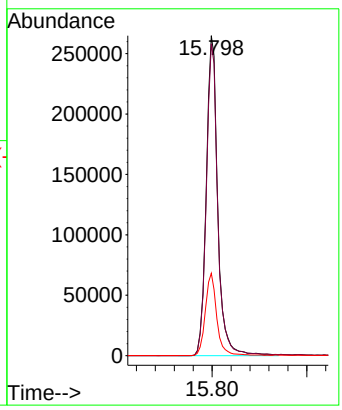


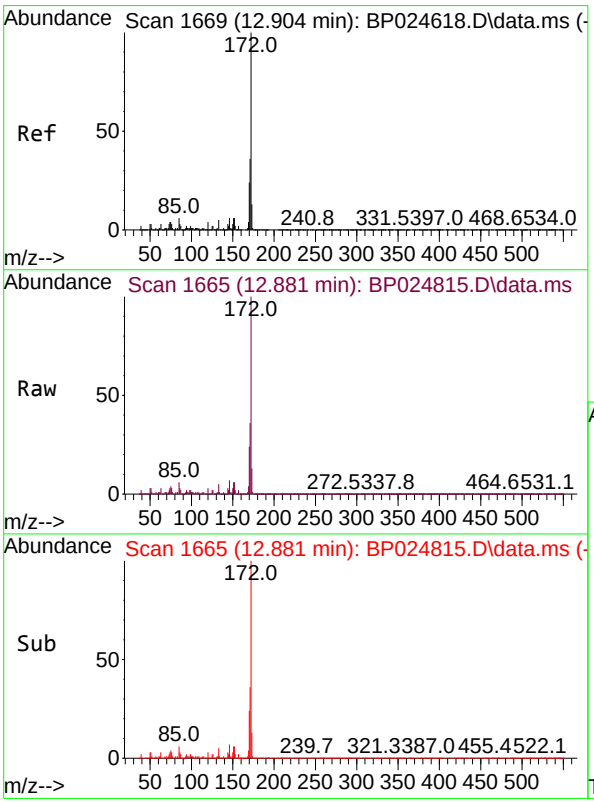
#42
2,4,6-Tribromophenol
Concen: 133.671 ng
RT: 15.798 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion:330 Resp: 445316

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.4
141	25.6	24.3	36.5

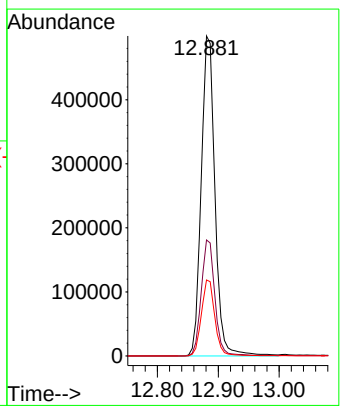


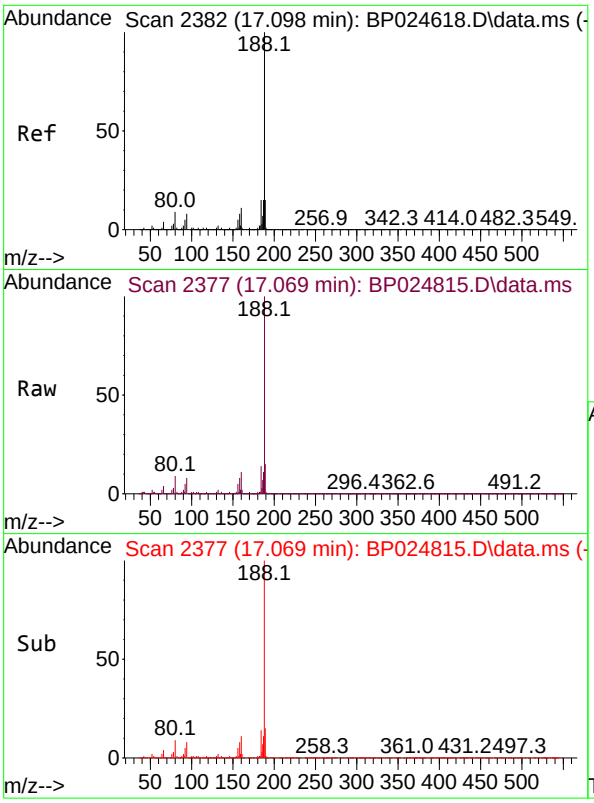


#45
2-Fluorobiphenyl
Concen: 52.219 ng
RT: 12.881 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:172 Resp: 783259

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	23.8	18.8	28.2



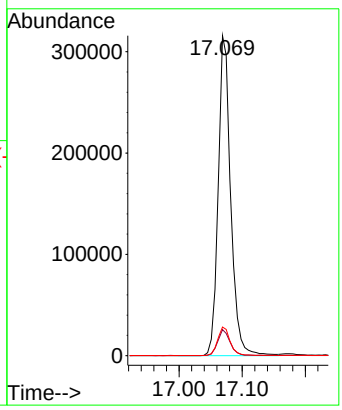


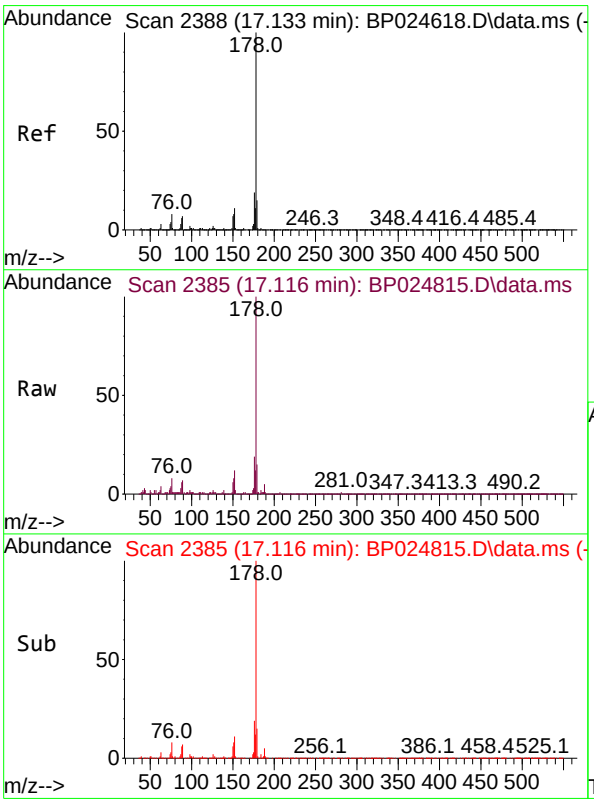
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.069 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion:188 Resp: 434367

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.5	9.7
80	9.0	7.3	10.9

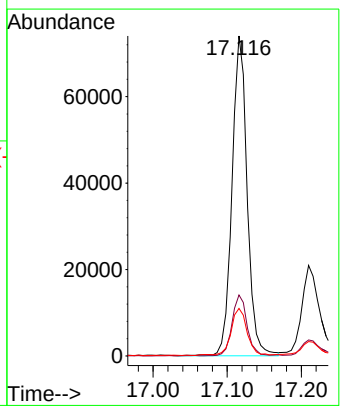


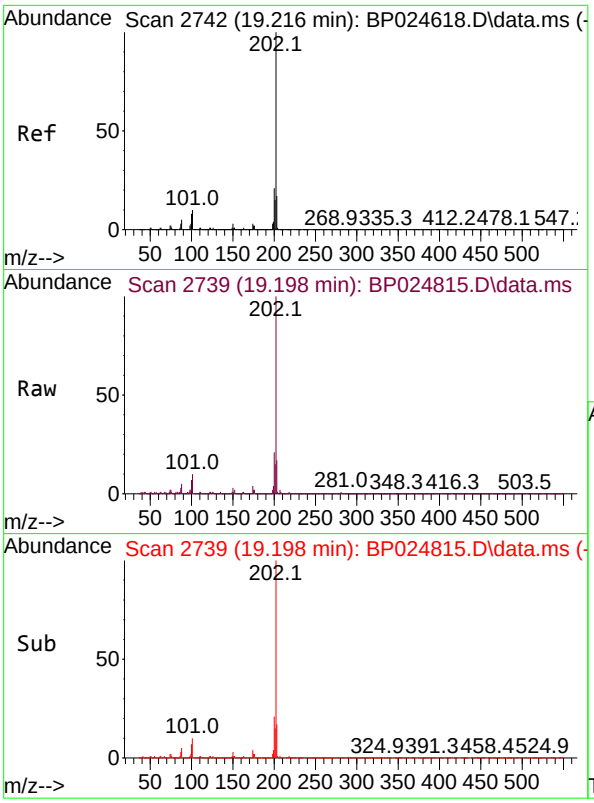


#71
Phenanthrene
Concen: 4.345 ng
RT: 17.116 min Scan# 2385
Delta R.T. 0.006 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:178 Resp: 104917

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.8	12.2	18.4



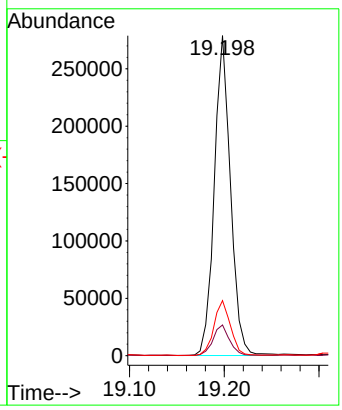


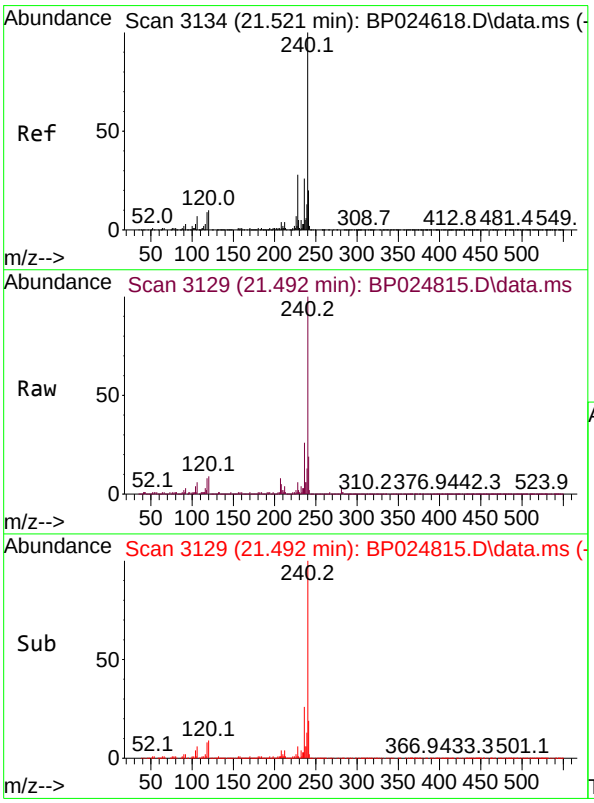
#75
Fluoranthene
Concen: 11.737 ng
RT: 19.198 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion:202 Resp: 331287

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
203	17.2	0.0	37.5

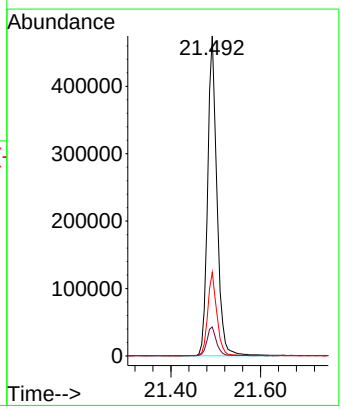


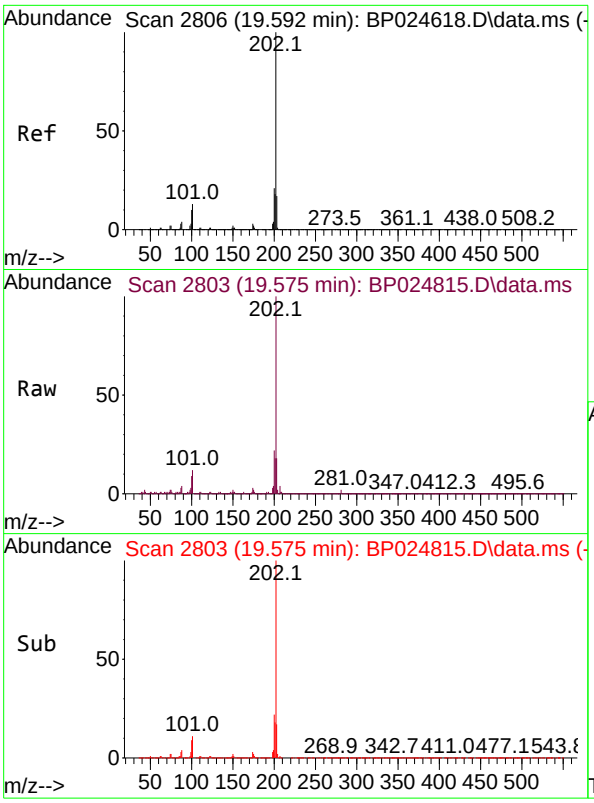


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.492 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:240 Resp: 681821

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.8	11.6
236	26.2	20.6	31.0



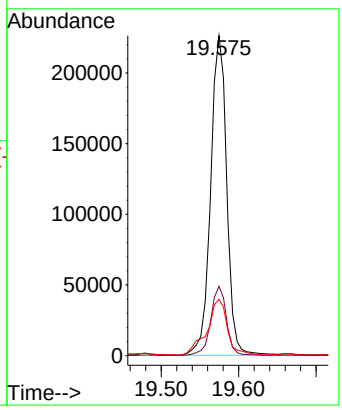


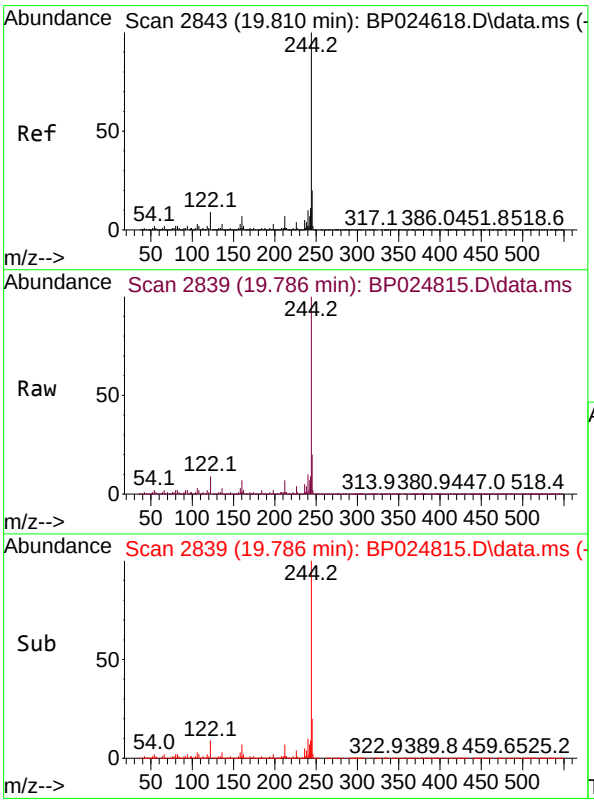
#78
Pyrene
Concen: 8.006 ng
RT: 19.575 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion:202 Resp: 327062

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.6	13.9	20.9

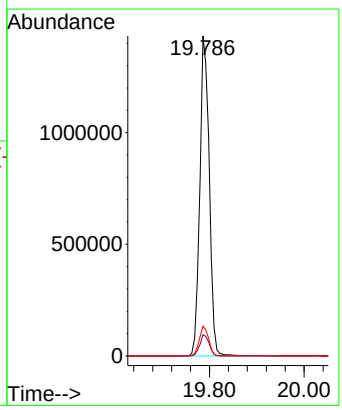


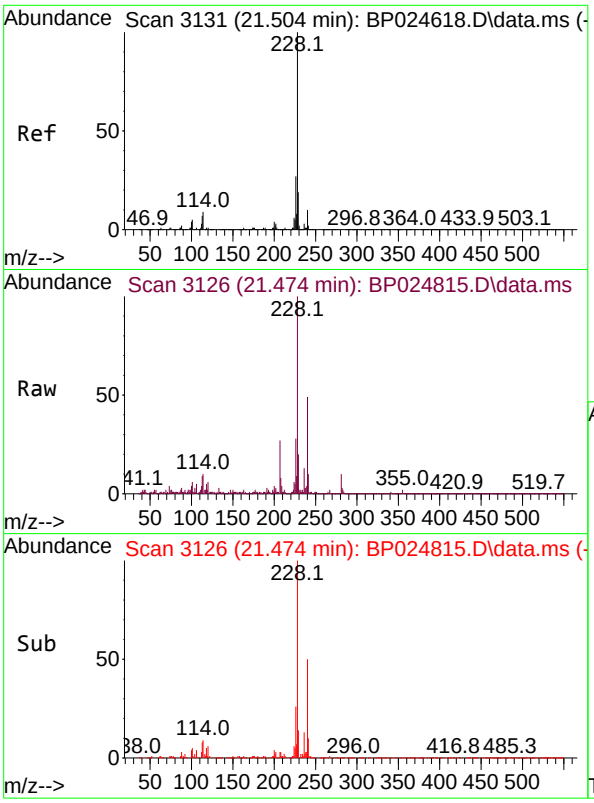


#79
Terphenyl-d14
Concen: 49.812 ng
RT: 19.786 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:244 Resp: 1980683

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	9.3	7.4	11.0



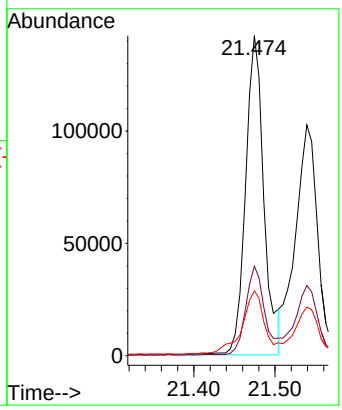


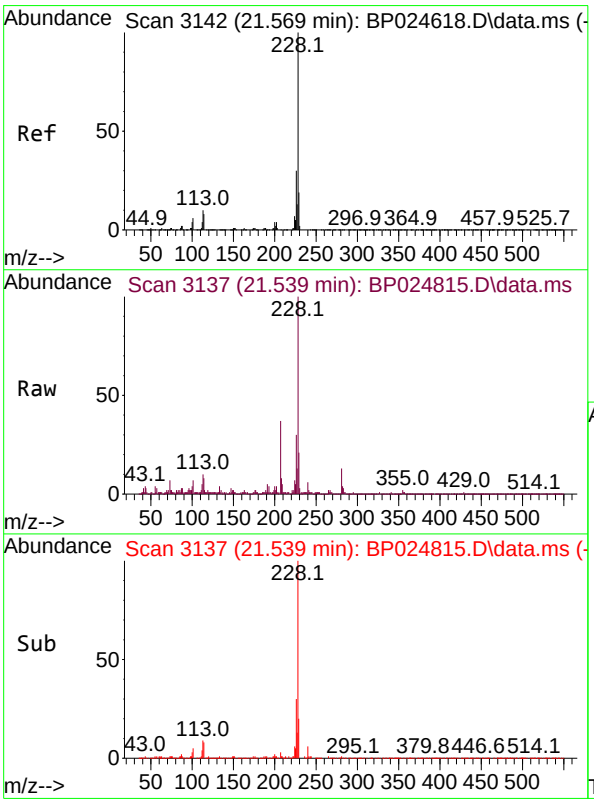
#81
Benzo(a)anthracene
Concen: 5.197 ng
RT: 21.474 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion:228 Resp: 222514

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.4	32.0
229	20.2	15.5	23.3

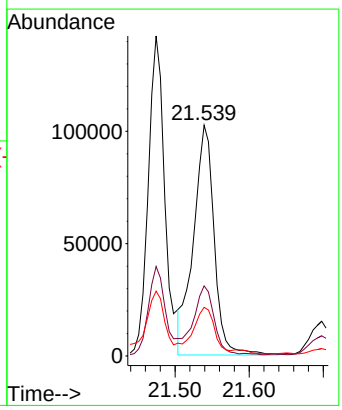


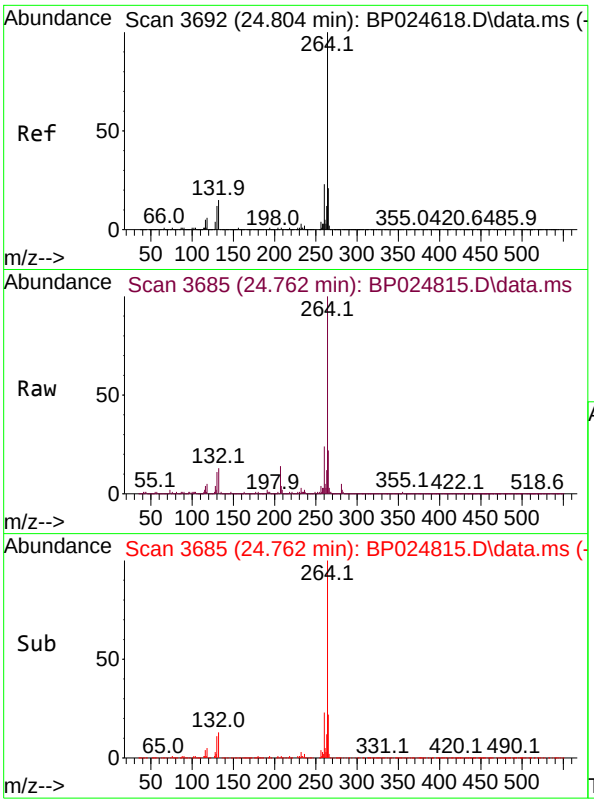


#83
Chrysene
Concen: 4.928 ng
RT: 21.539 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:228 Resp: 199988

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	21.1	15.5	23.3



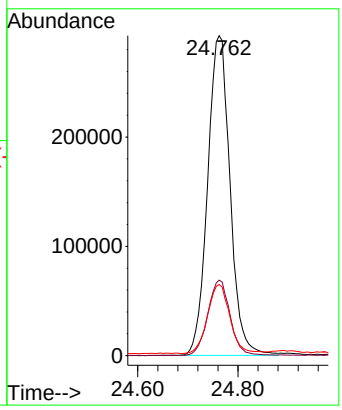


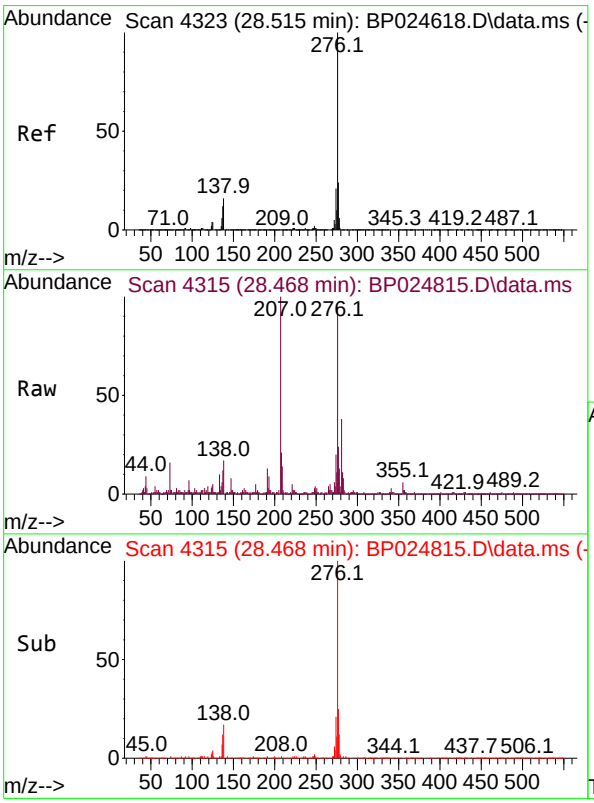
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.762 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion:264 Resp: 908350

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.3	17.0	25.6

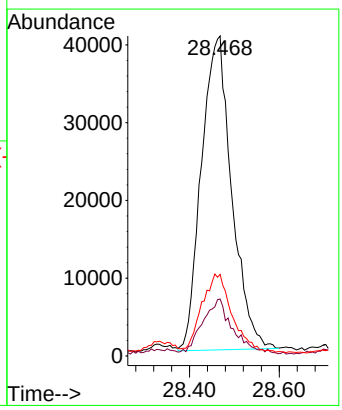


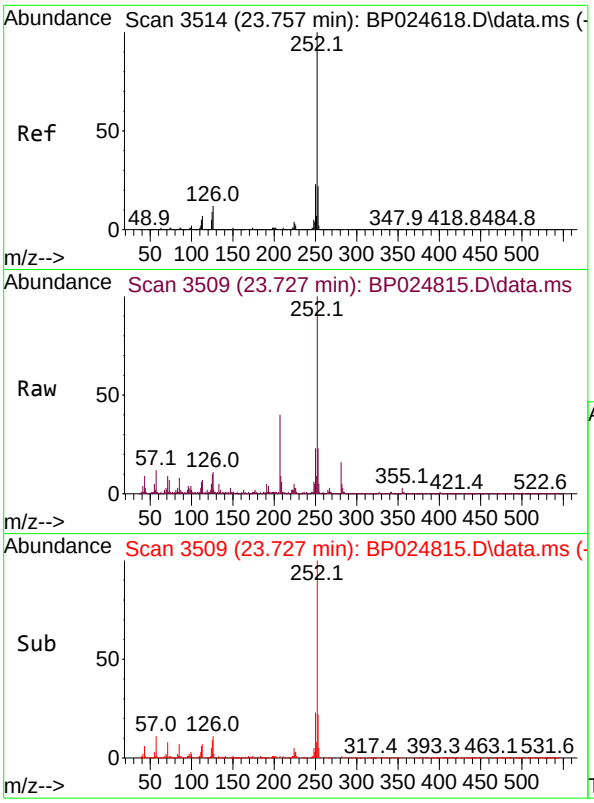


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.859 ng
RT: 28.468 min Scan# 4315
Delta R.T. 0.030 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:276 Resp: 189603

Ion	Ratio	Lower	Upper
276	100		
138	17.3	11.2	16.8#
277	25.3	15.7	23.5#



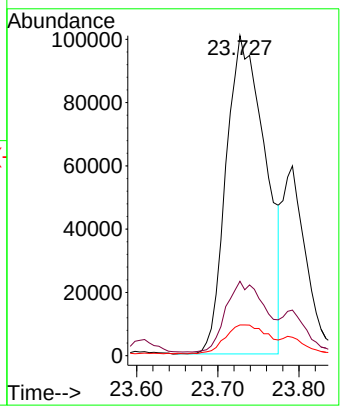


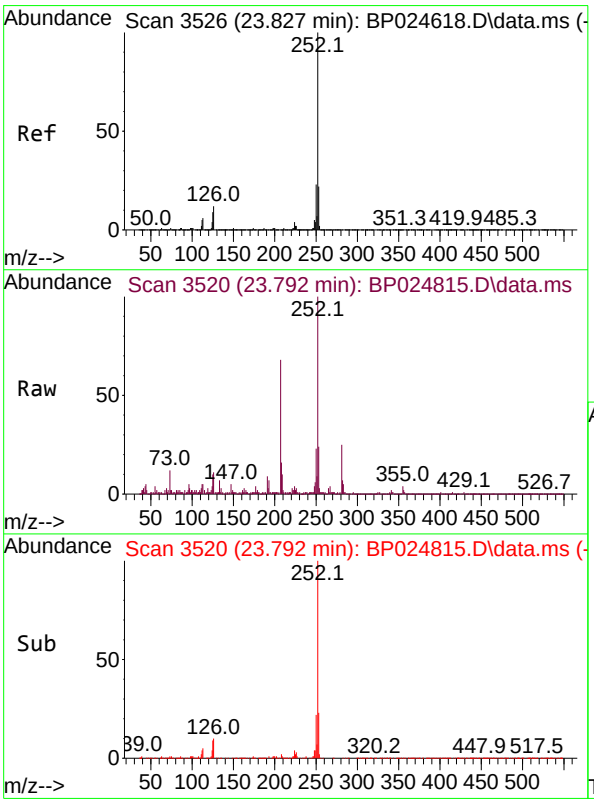
#88
Benzo(b)fluoranthene
Concen: 6.506 ng
RT: 23.727 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion:252 Resp: 338272

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	9.6	7.5	11.3

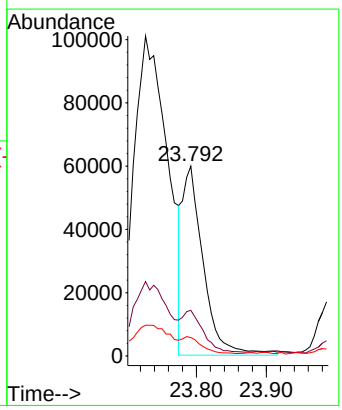


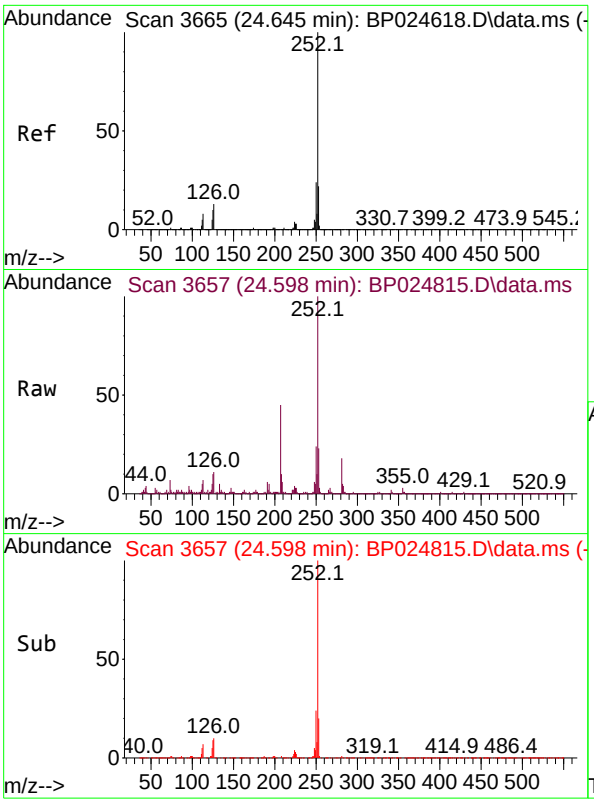


#89
Benzo(k)fluoranthene
Concen: 2.330 ng m
RT: 23.792 min Scan# 3520
Delta R.T. -0.006 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:252 Resp: 124804

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	9.7	7.0	10.4



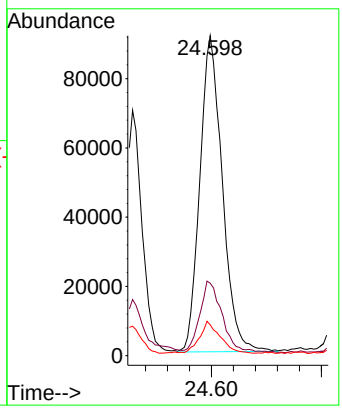


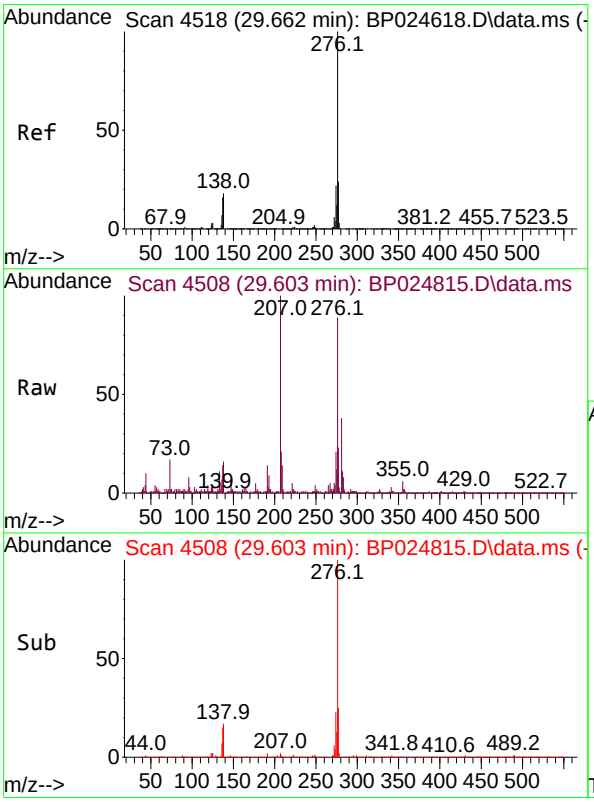
#90
Benzo(a)pyrene
Concen: 5.192 ng
RT: 24.598 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Instrument :
BNA_P
ClientSampleId :
TP03-MHM

Tgt Ion:252 Resp: 259247

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.7	8.1	12.1





#92
Benzo(g,h,i)perylene
Concen: 3.714 ng
RT: 29.603 min Scan# 4508
Delta R.T. 0.012 min
Lab File: BP024815.D
Acq: 28 May 2025 14:49

Tgt Ion:276 Resp: 199229

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.0	28.4
138	17.9	14.4	21.6