Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024776.D
Acq On : 23 May 2025 03:13
Operator : RC/JU
Sample : Q2078-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Quant Time: May 23 05:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	97988	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	378456	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	239685	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	497233	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	609083	20.000	ng	-0.01
86) Perylene-d12	24.804	264	705796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	749776	130.872	ng	0.00
7) Phenol-d6	6.858	99	823806	112.667	ng	0.00
23) Nitrobenzene-d5	8.799	82	576333	76.944	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	719486	177.067	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1546540	84.534	ng	-0.01
79) Terphenyl-d14	19.804	244	3335116	93.890	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.475	128	3873290	197.497	ng	100
37) 2-Methylnaphthalene	12.081	142	546644	43.046	ng	99
38) 1-Methylnaphthalene	12.304	142	471442	34.697	ng	100
46) 1,1'-Biphenyl	13.104	154	84791	4.786	ng	99
52) Acenaphthene	14.346	154	261357	20.112	ng	99
58) Fluorene	15.351	166	110423	6.533	ng	99
71) Phenanthrene	17.128	178	235813	8.531	ng	100

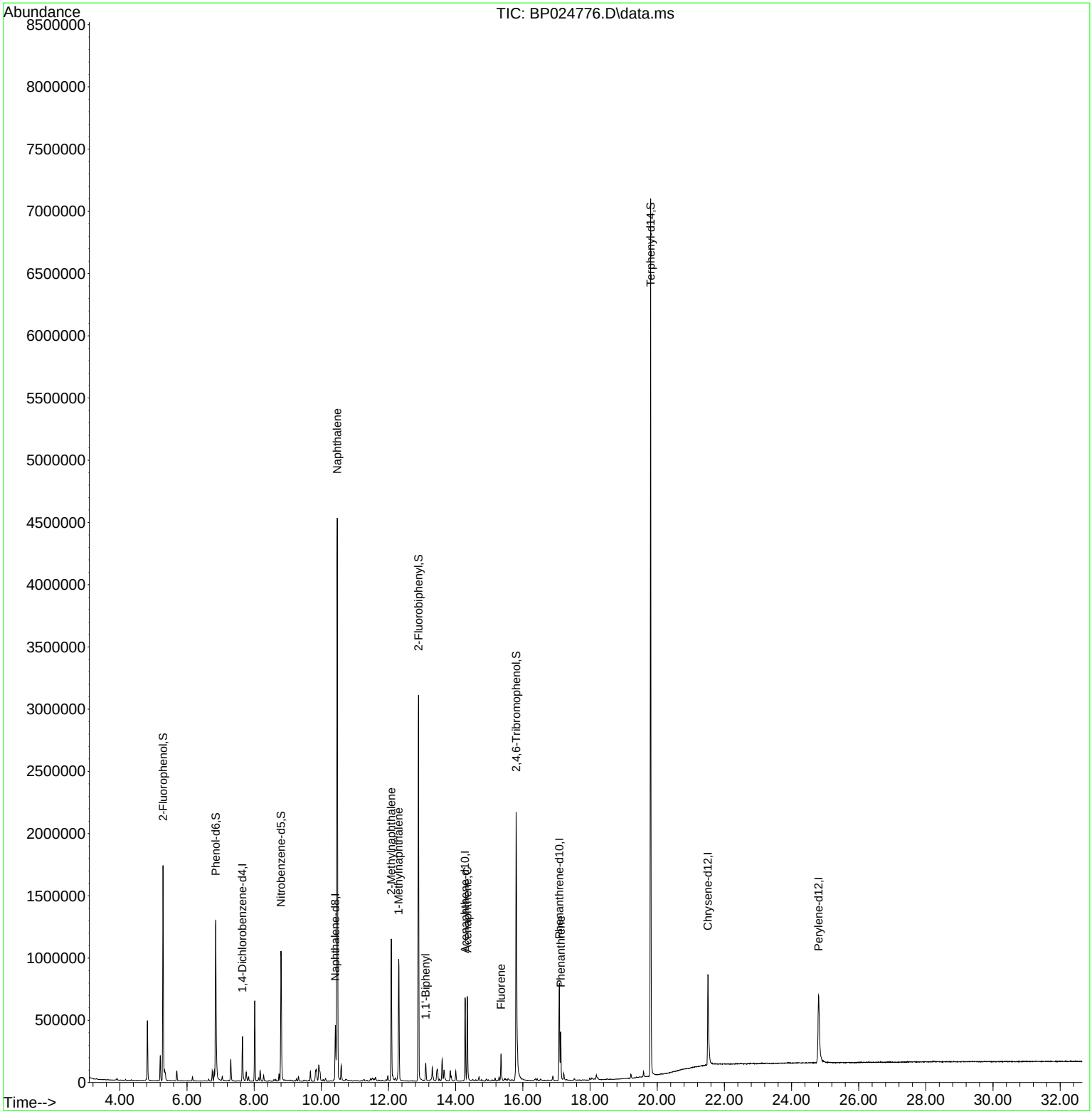
(#) = qualifier out of range (m) = manual integration (+) = signals summed

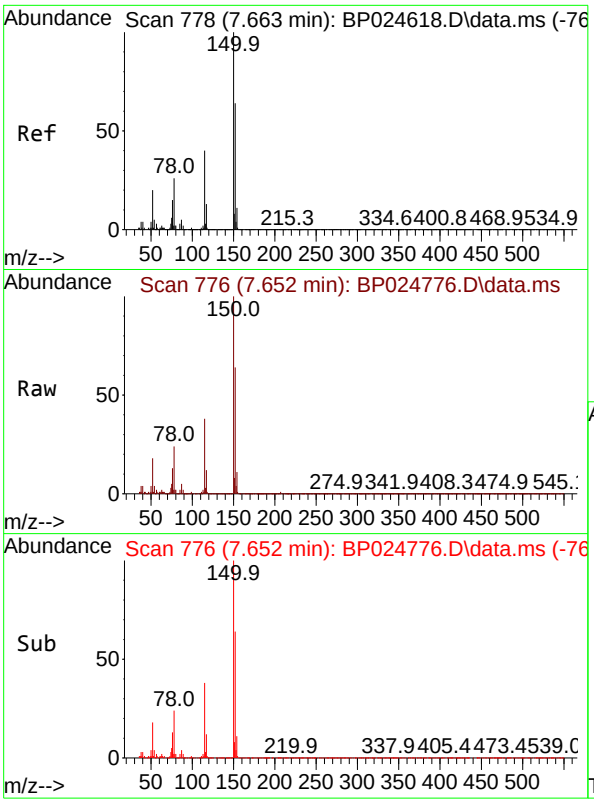
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024776.D
Acq On : 23 May 2025 03:13
Operator : RC/JU
Sample : Q2078-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Quant Time: May 23 05:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



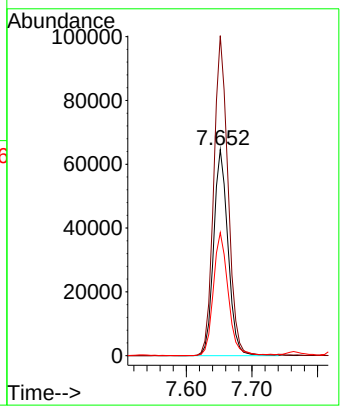


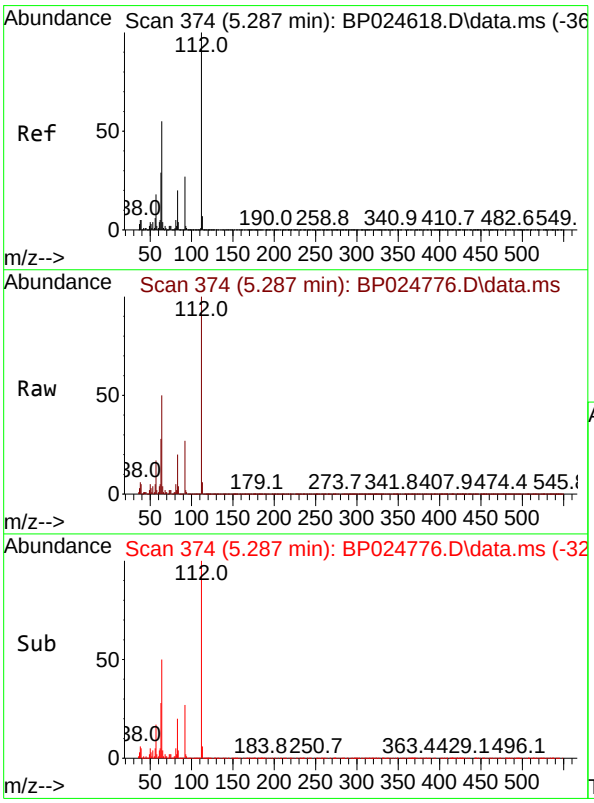
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Tgt Ion:152 Resp: 97988

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.9	188.9
115	59.7	50.1	75.1

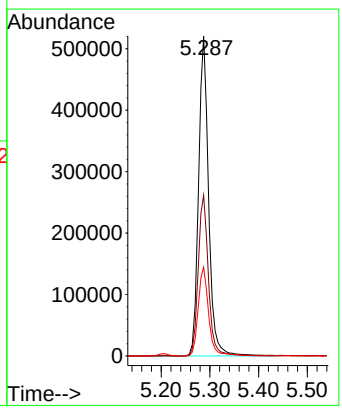


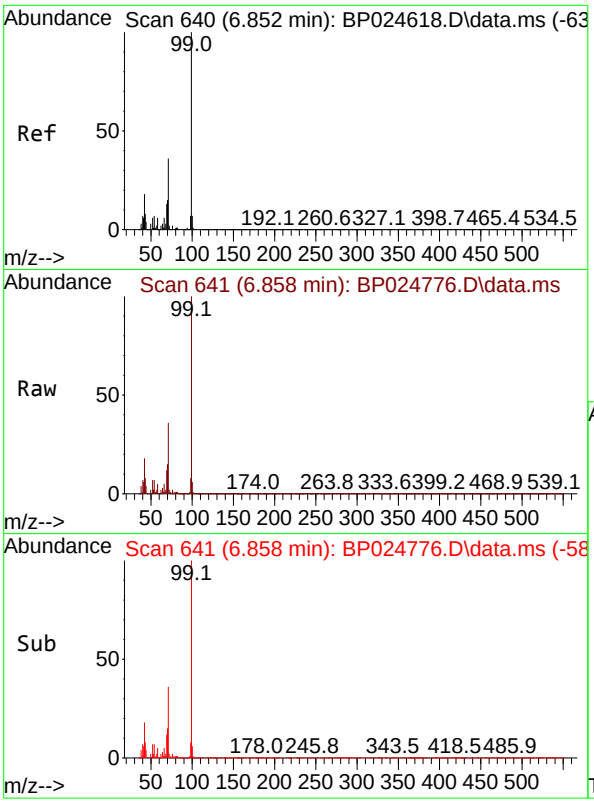


#5
2-Fluorophenol
Concen: 130.872 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:112 Resp: 749776

Ion	Ratio	Lower	Upper
112	100		
64	50.2	44.1	66.1
63	27.8	23.5	35.3



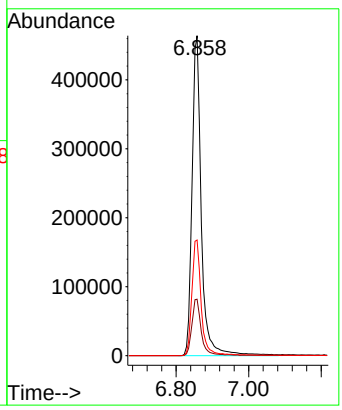


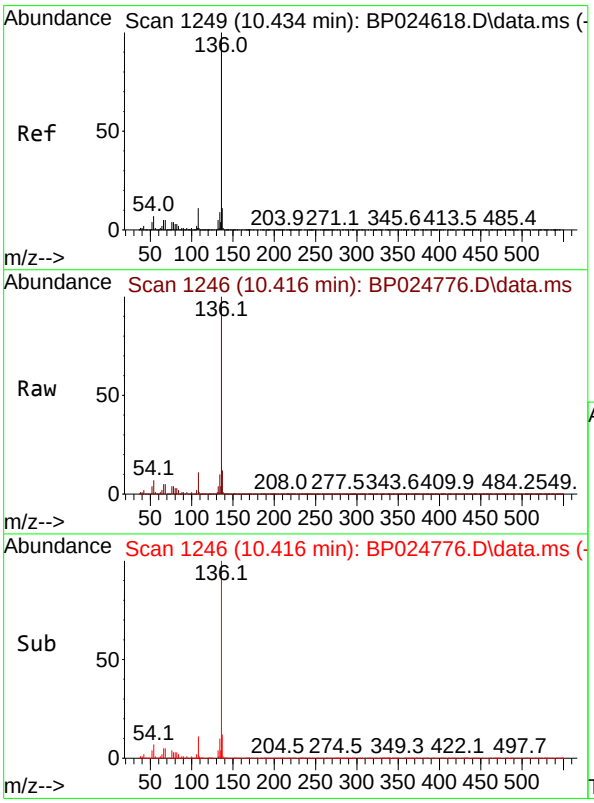
#7
Phenol-d6
Concen: 112.667 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Tgt Ion: 99 Resp: 823806

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.4	21.6
71	36.2	29.2	43.8

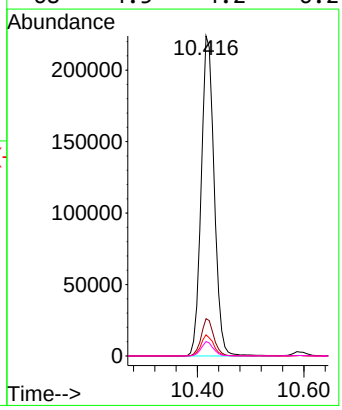


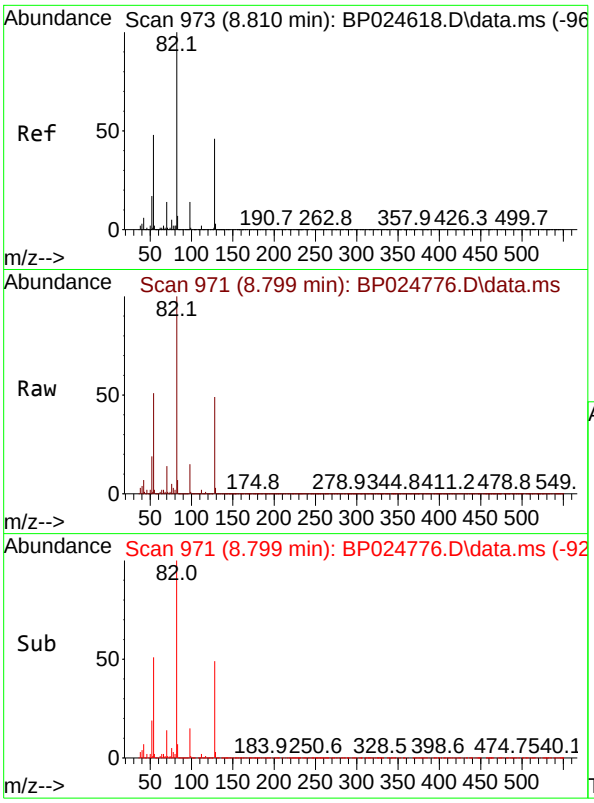


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:136 Resp: 378456

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	6.6	5.5	8.3
68	4.5	4.2	6.2



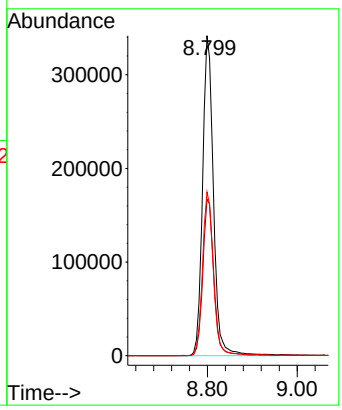


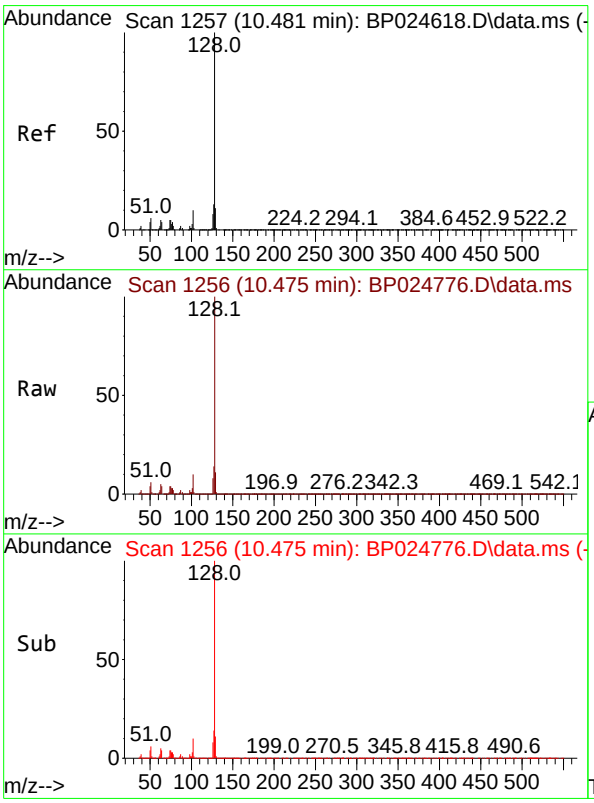
#23
Nitrobenzene-d5
Concen: 76.944 ng
RT: 8.799 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Tgt Ion: 82 Resp: 576333

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.0	55.4
54	51.2	38.7	58.1

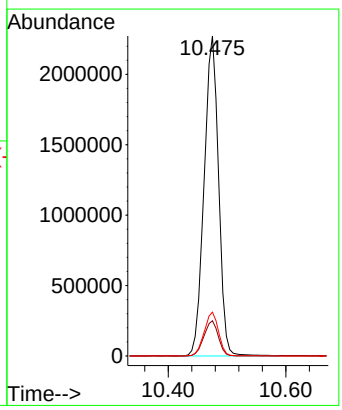


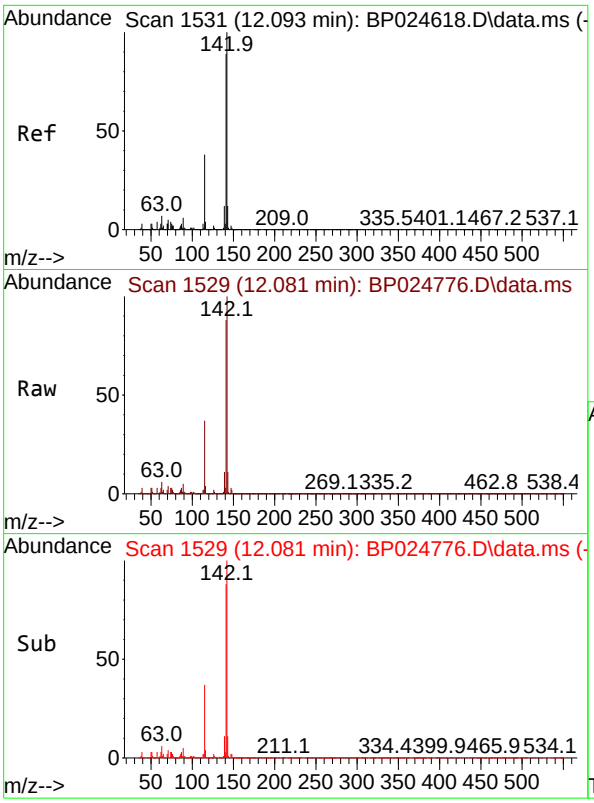


#31
Naphthalene
Concen: 197.497 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:128 Resp: 3873290

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.7	10.7	16.1



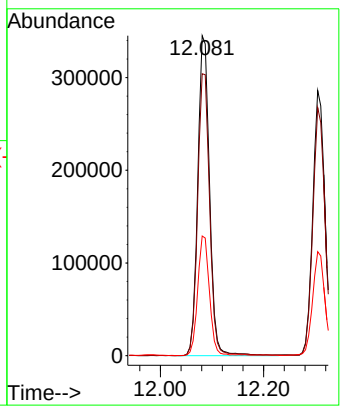


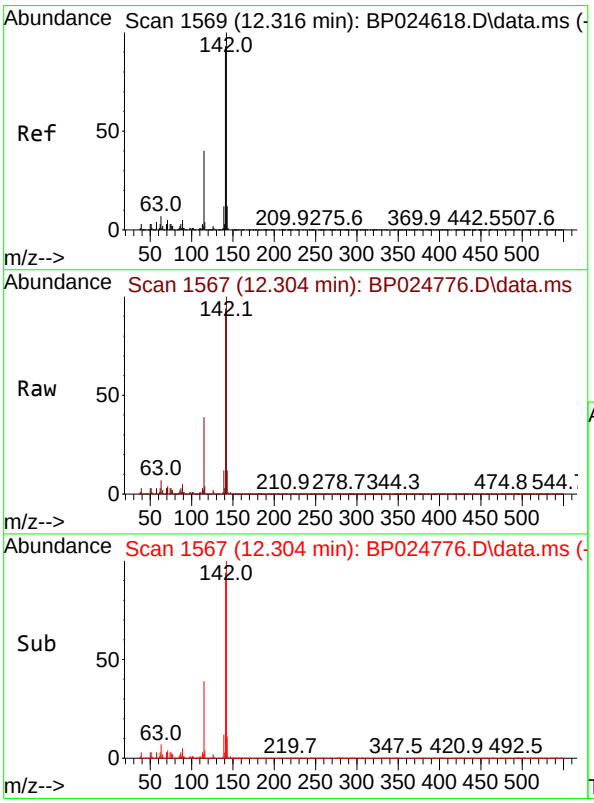
#37
2-Methylnaphthalene
Concen: 43.046 ng
RT: 12.081 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Tgt Ion:142 Resp: 546644

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.2	106.8
115	37.4	30.6	46.0

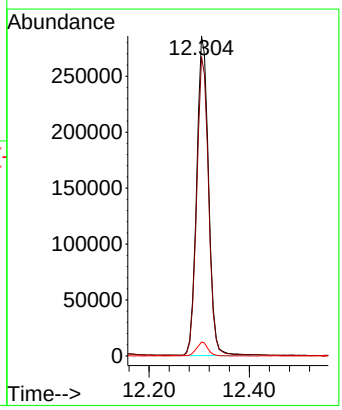


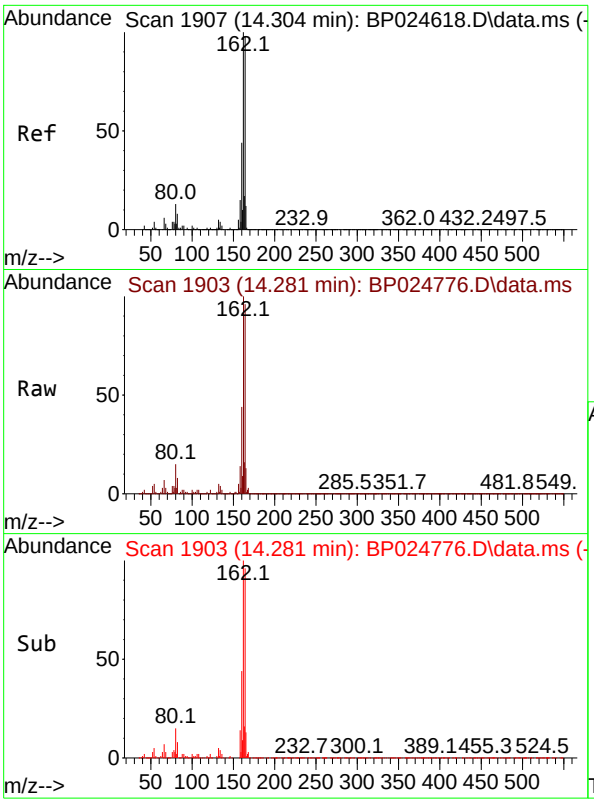


#38
1-Methylnaphthalene
Concen: 34.697 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:142 Resp: 471442

Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.7	112.1
116	4.3	3.4	5.2



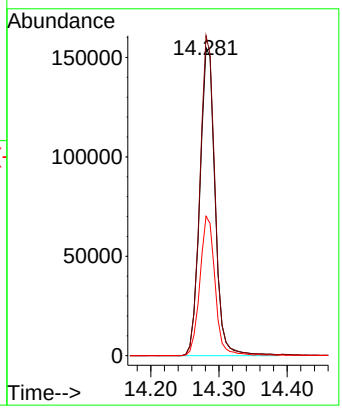


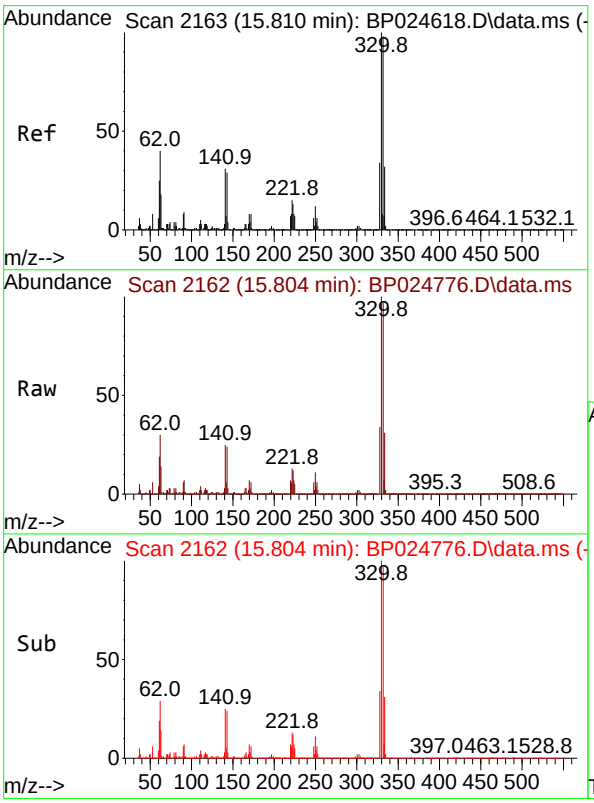
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Tgt Ion:164 Resp: 239685

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.8	122.6
160	45.2	36.3	54.5

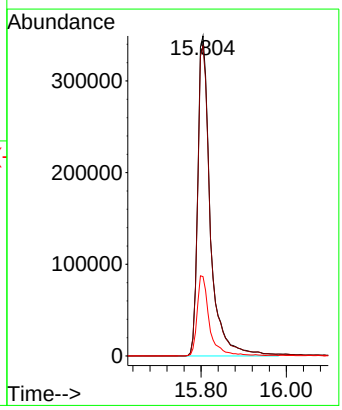


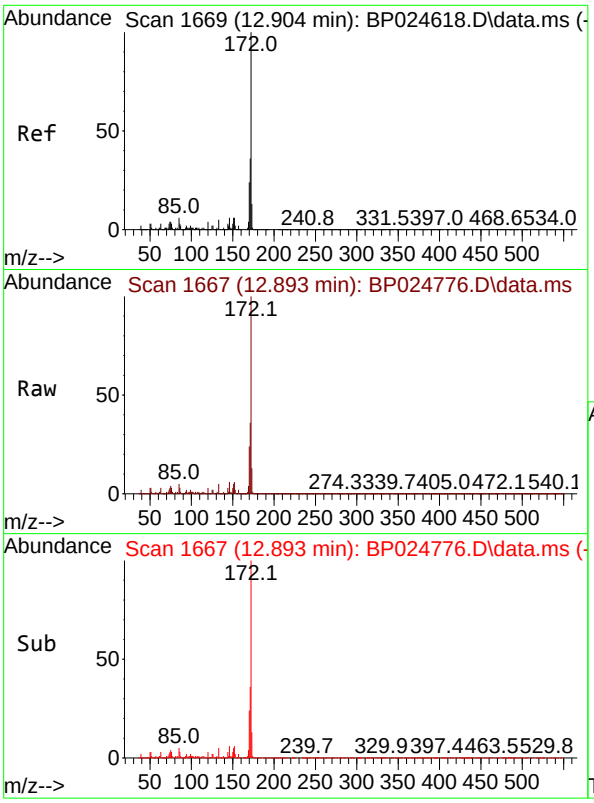


#42
2,4,6-Tribromophenol
Concen: 177.067 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:330 Resp: 719486

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.2	117.4
141	24.2	24.3	36.5#



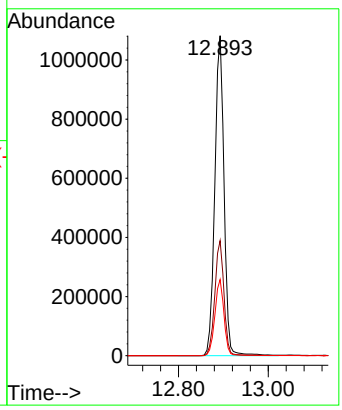


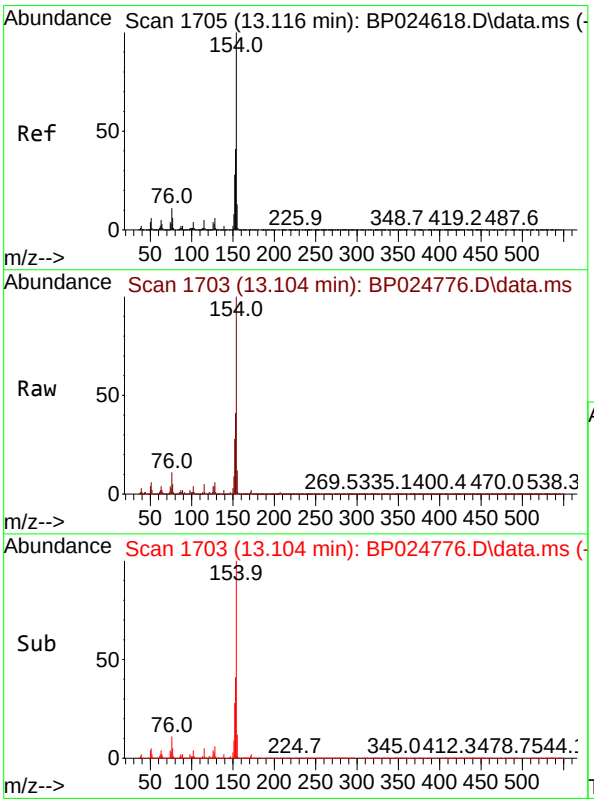
#45
2-Fluorobiphenyl
Concen: 84.534 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Tgt Ion:172 Resp: 1546540

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.8	18.8	28.2

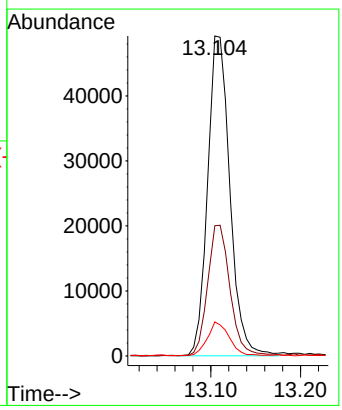


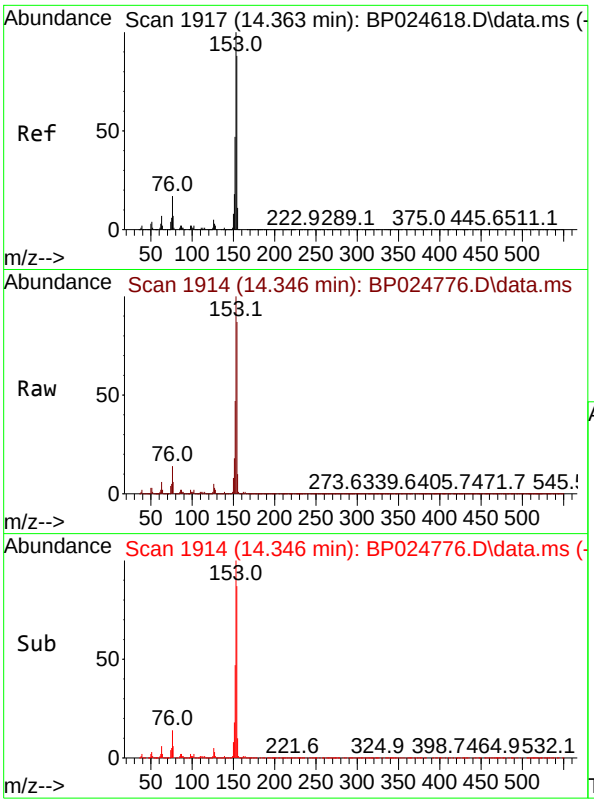


#46
1,1'-Biphenyl
Concen: 4.786 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:154 Resp: 84791

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.0	61.0
76	10.6	0.0	31.5



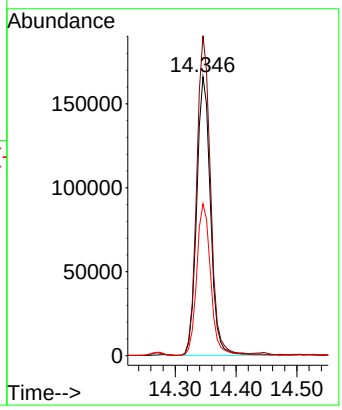


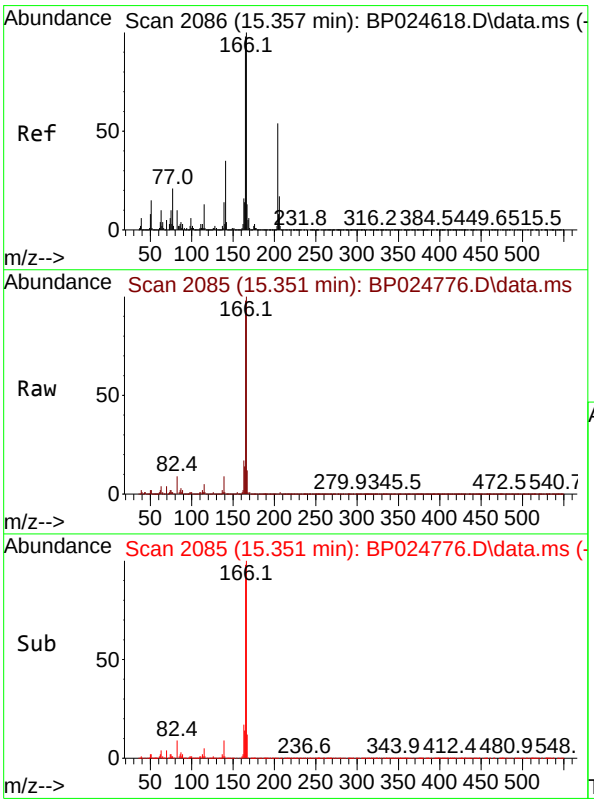
#52
Acenaphthene
Concen: 20.112 ng
RT: 14.346 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Tgt Ion:154 Resp: 261357

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.0	136.4
152	54.4	42.9	64.3

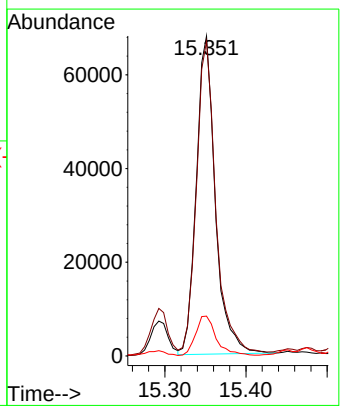


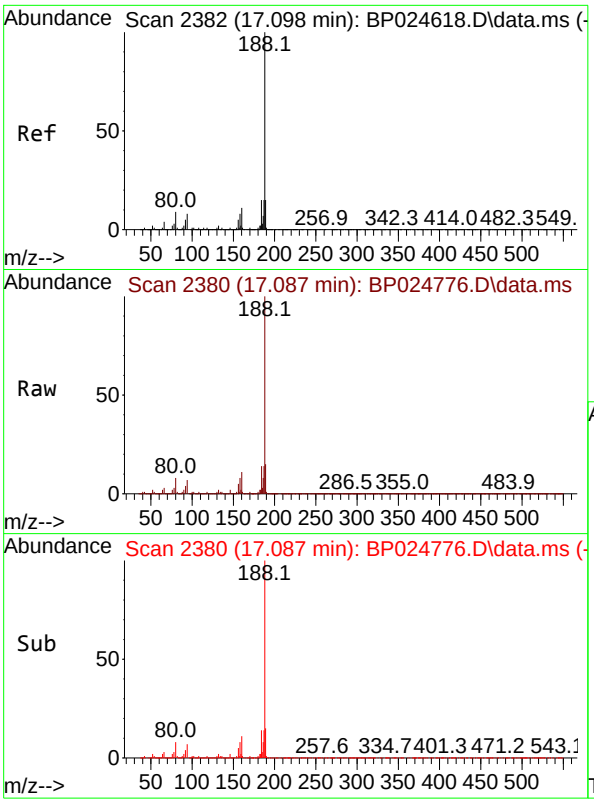


#58
Fluorene
Concen: 6.533 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:166 Resp: 110423

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.5	117.7
167	12.4	10.7	16.1



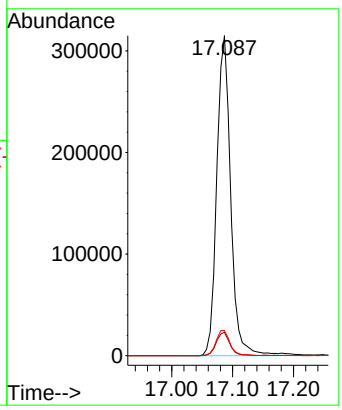


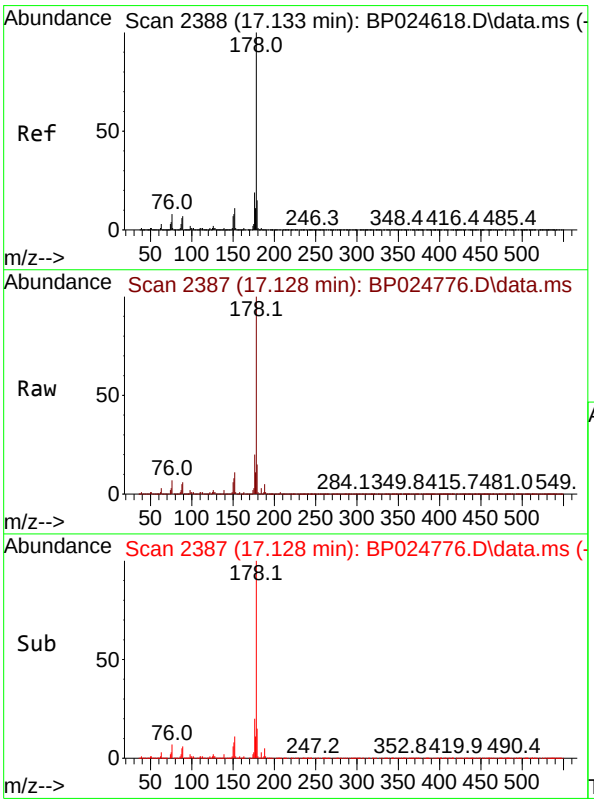
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Tgt Ion:188 Resp: 497233

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.5	9.7
80	7.9	7.3	10.9

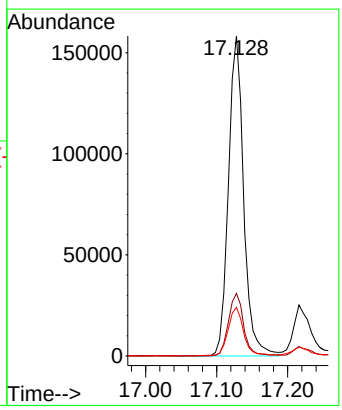


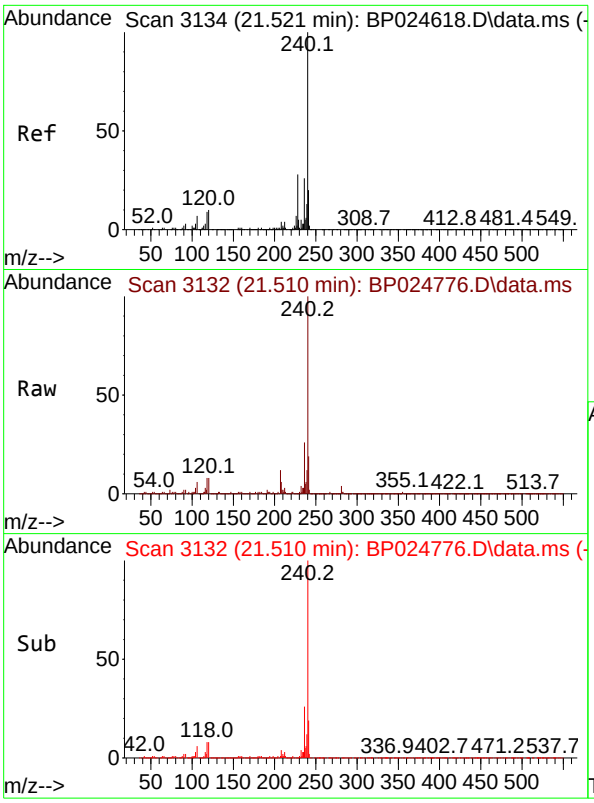


#71
Phenanthrene
Concen: 8.531 ng
RT: 17.128 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:178 Resp: 235813

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.2	12.2	18.4



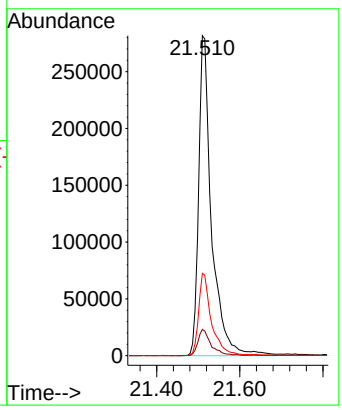


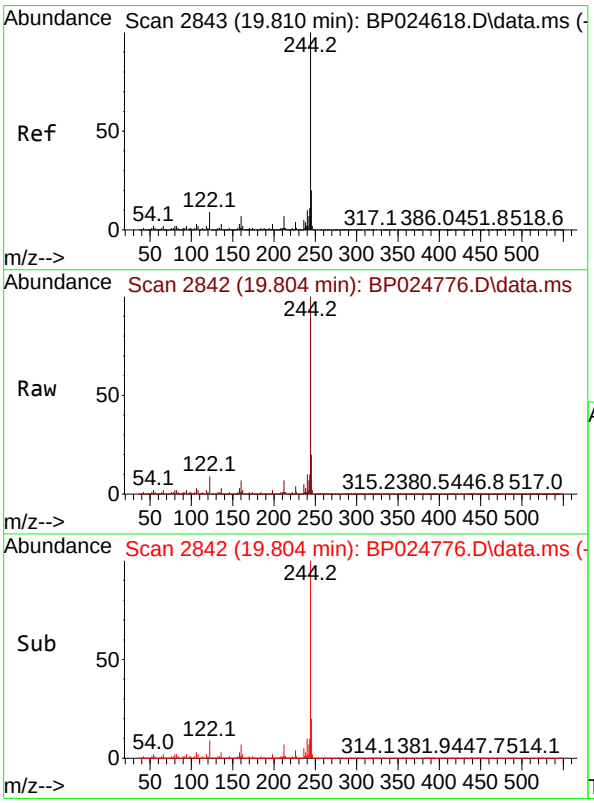
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Tgt Ion:240 Resp: 609083

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.8	11.6
236	25.8	20.6	31.0

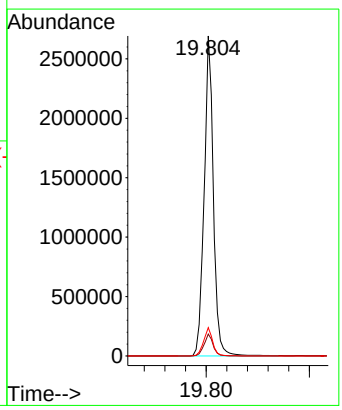


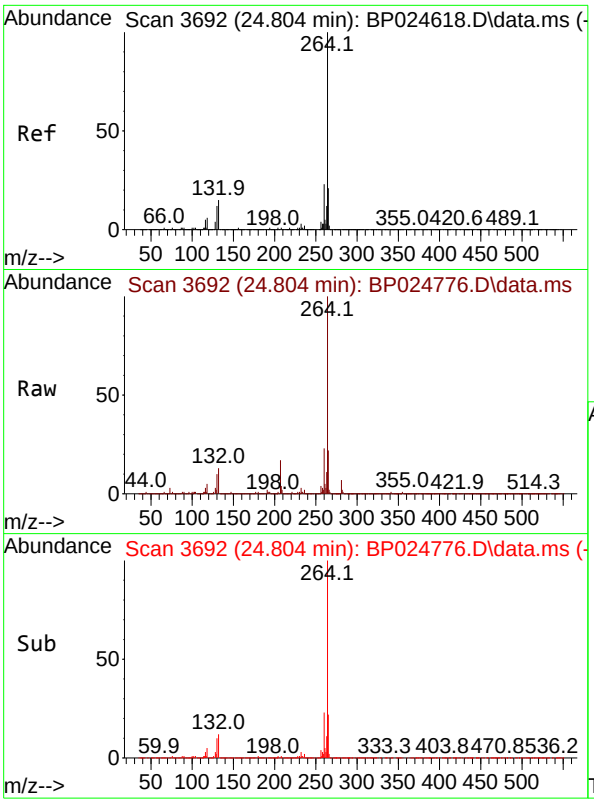


#79
Terphenyl-d14
Concen: 93.890 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:244 Resp: 3335116

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	8.8	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Tgt Ion:264 Resp: 705796

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.4	17.0	25.6