Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024777.D
Acq On : 23 May 2025 03:54
Operator : RC/JU
Sample : Q2079-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Quant Time: May 23 05:08:16 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	105566	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	401554	20.000	ng	-0.02
39) Acenaphthene-d10	14.286	164	269516	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	576154	20.000	ng	-0.02
76) Chrysene-d12	21.515	240	685860	20.000	ng	0.00
86) Perylene-d12	24.792	264	790962	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	783958	127.016	ng	0.00
7) Phenol-d6	6.852	99	865334	109.851	ng	0.00
23) Nitrobenzene-d5	8.799	82	609003	76.629	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	811993	177.715	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1697164	82.500	ng	-0.01
79) Terphenyl-d14	19.804	244	3741121	93.530	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.469	128	498874	23.974	ng	100
37) 2-Methylnaphthalene	12.087	142	66559	4.940	ng	99
38) 1-Methylnaphthalene	12.304	142	74365	5.158	ng	99
52) Acenaphthene	14.345	154	88026	6.024	ng	100
58) Fluorene	15.351	166	53087	2.793	ng	99
71) Phenanthrene	17.122	178	138972	4.339	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024777.D
Acq On : 23 May 2025 03:54
Operator : RC/JU
Sample : Q2079-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Quant Time: May 23 05:08:16 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
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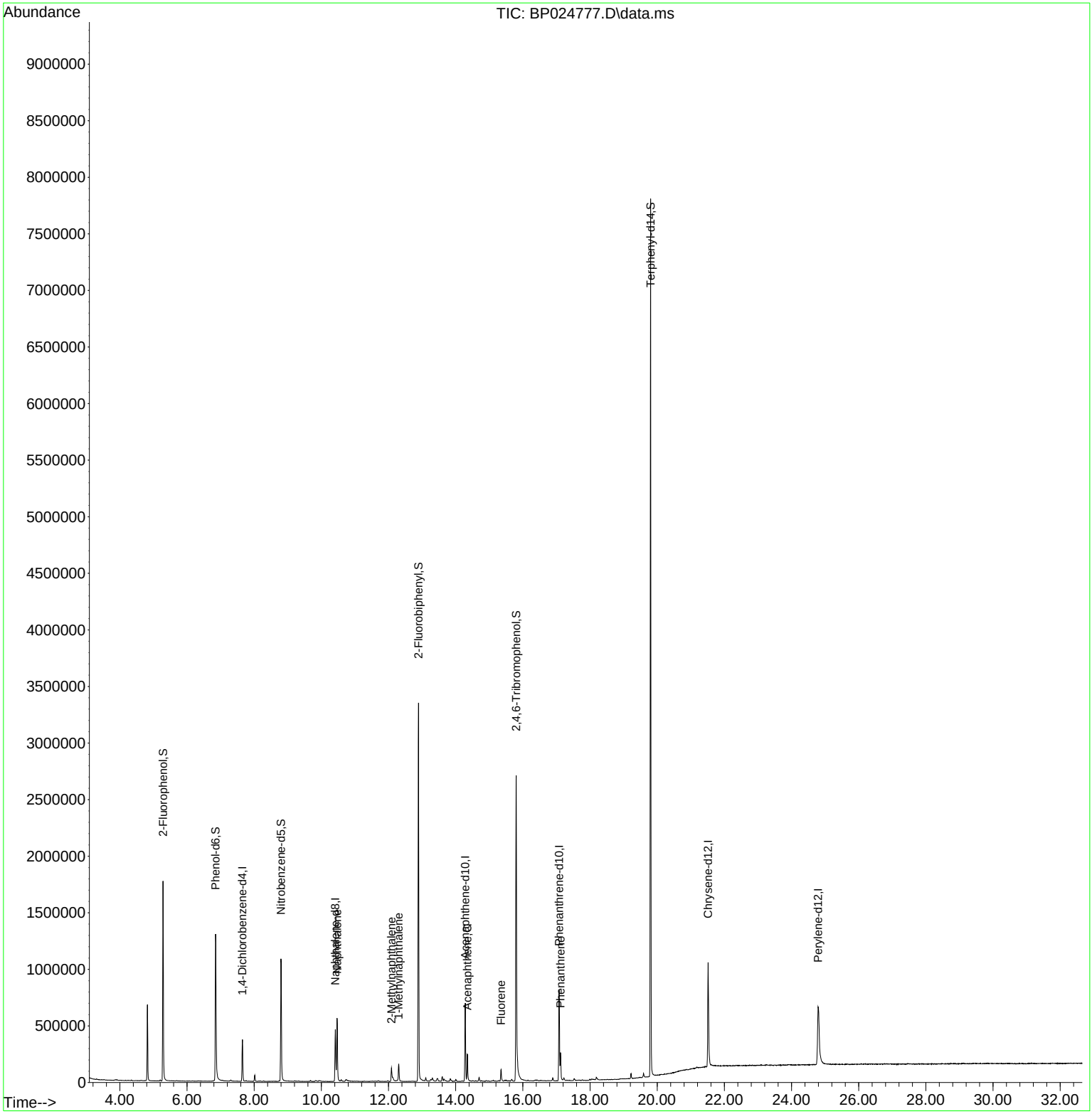
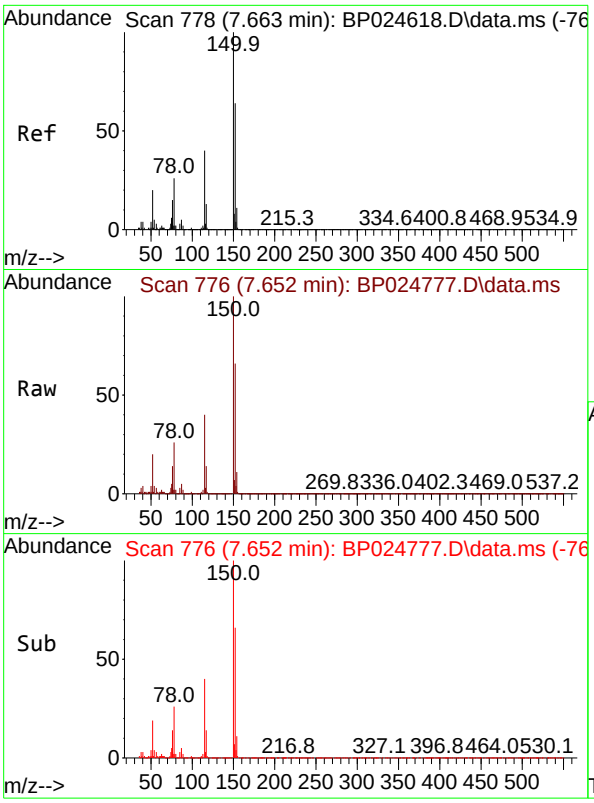


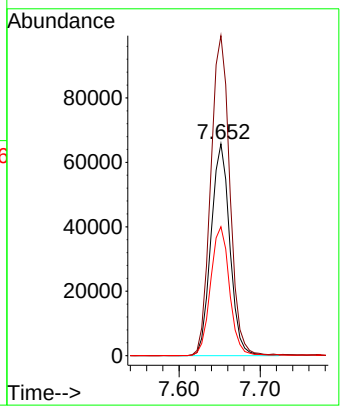


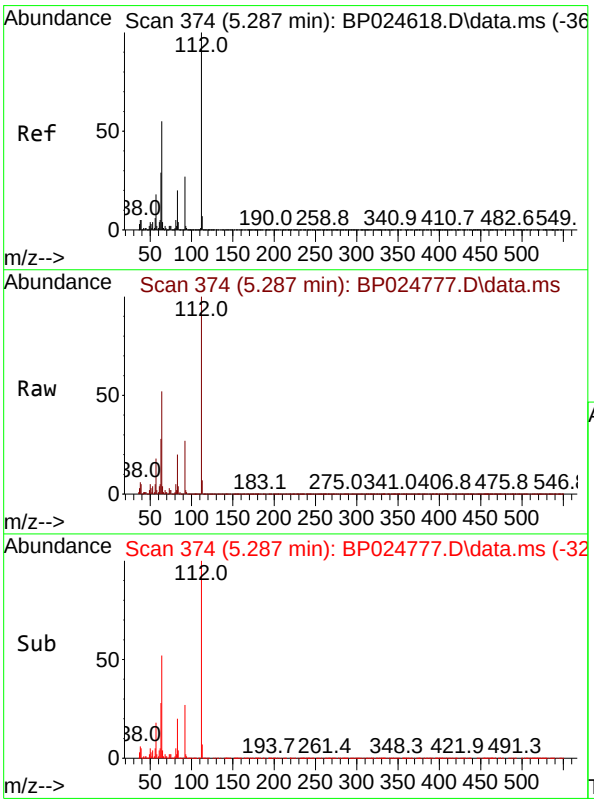
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Tgt Ion:152 Resp: 105566

Ion	Ratio	Lower	Upper
152	100		
150	151.1	125.9	188.9
115	60.9	50.1	75.1

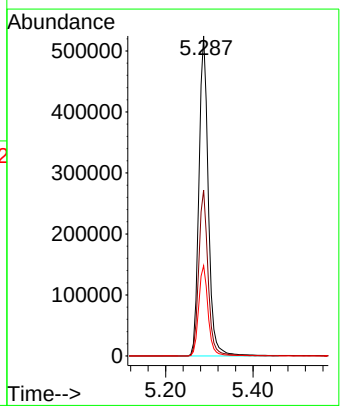


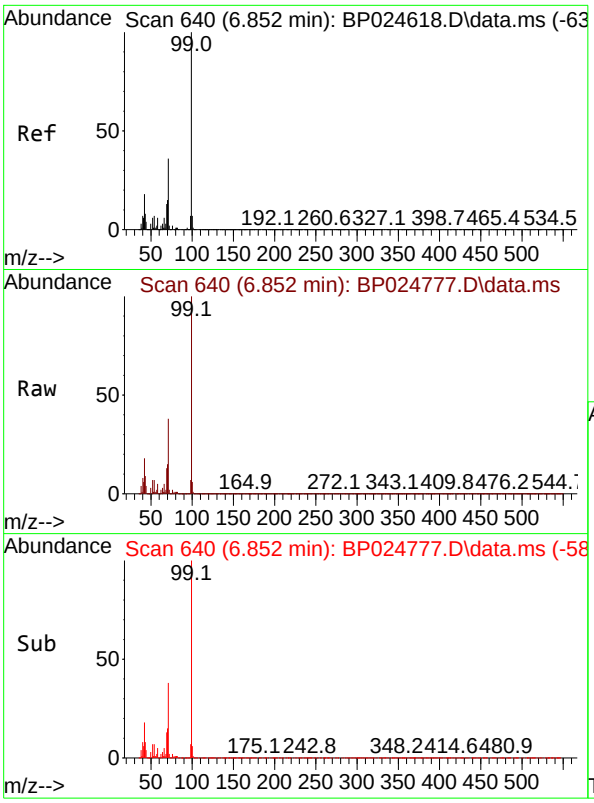


#5
2-Fluorophenol
Concen: 127.016 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:112 Resp: 783958

Ion	Ratio	Lower	Upper
112	100		
64	51.8	44.1	66.1
63	28.2	23.5	35.3



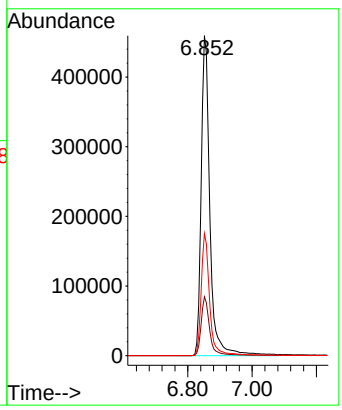


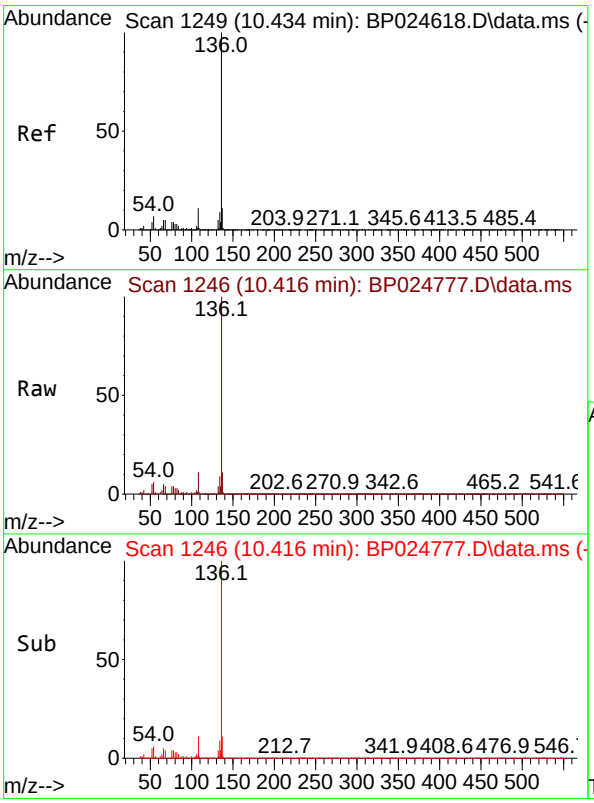
#7
Phenol-d6
Concen: 109.851 ng
RT: 6.852 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Tgt Ion: 99 Resp: 865334

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.4	21.6
71	38.2	29.2	43.8

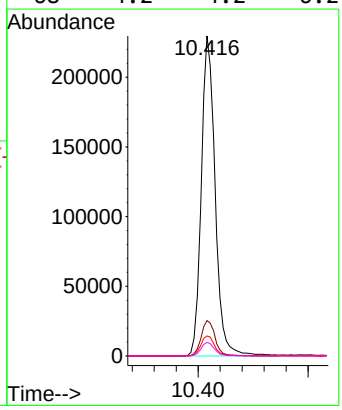


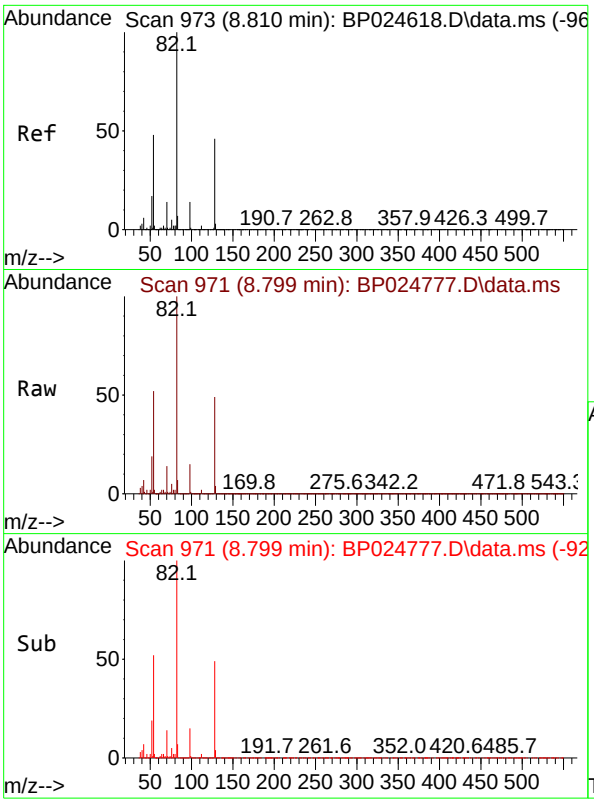


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:136 Resp: 401554

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.2	5.5	8.3
68	4.2	4.2	6.2



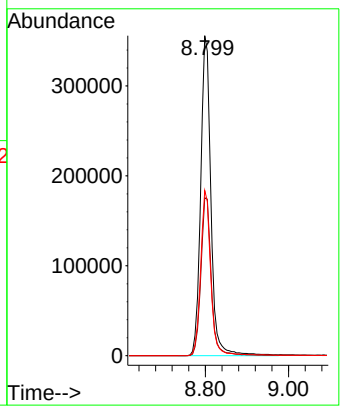


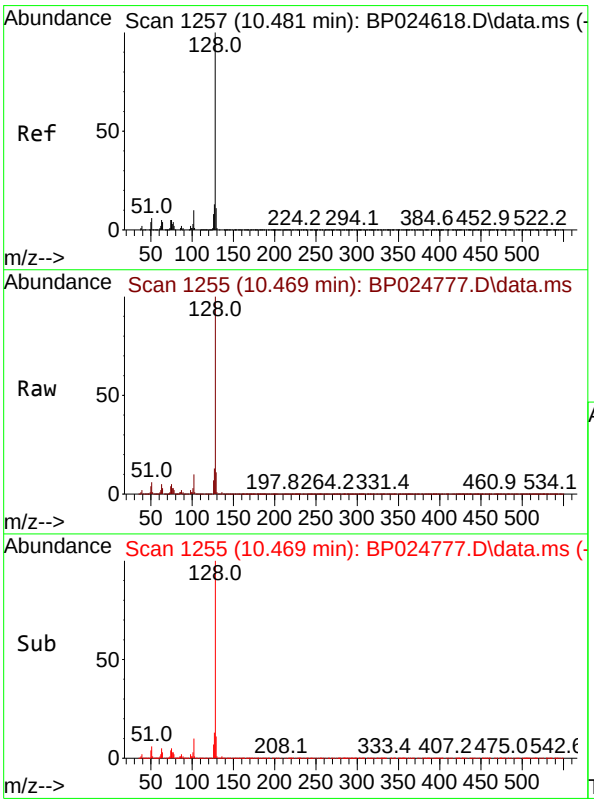
#23
Nitrobenzene-d5
Concen: 76.629 ng
RT: 8.799 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Tgt Ion: 82 Resp: 609003

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.0	55.4
54	51.6	38.7	58.1

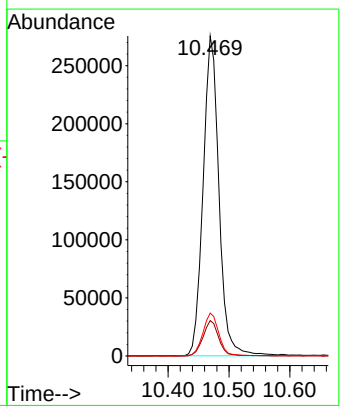


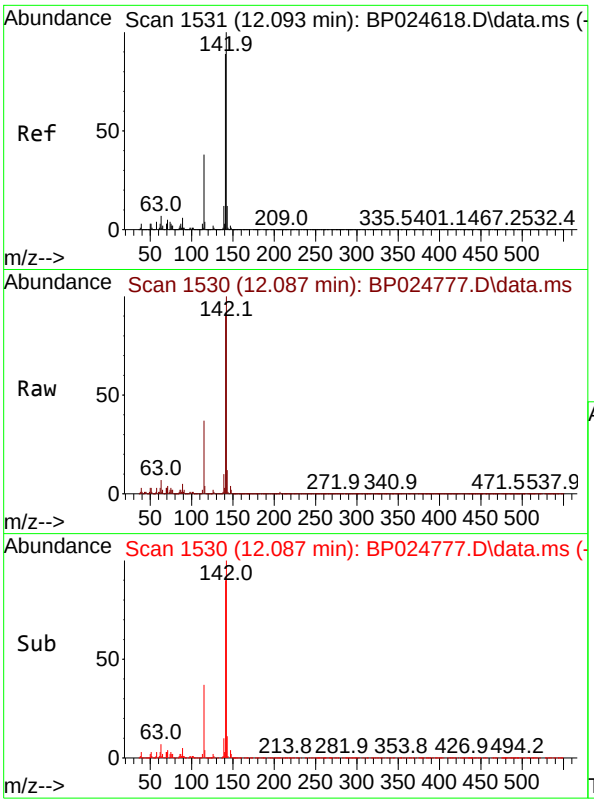


#31
Naphthalene
Concen: 23.974 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:128 Resp: 498874

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.7	16.1



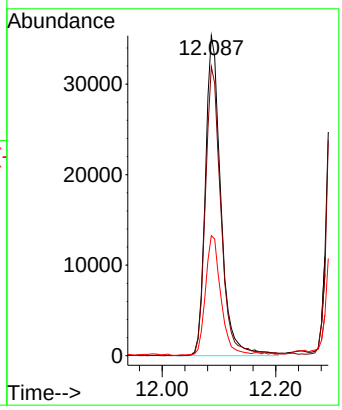


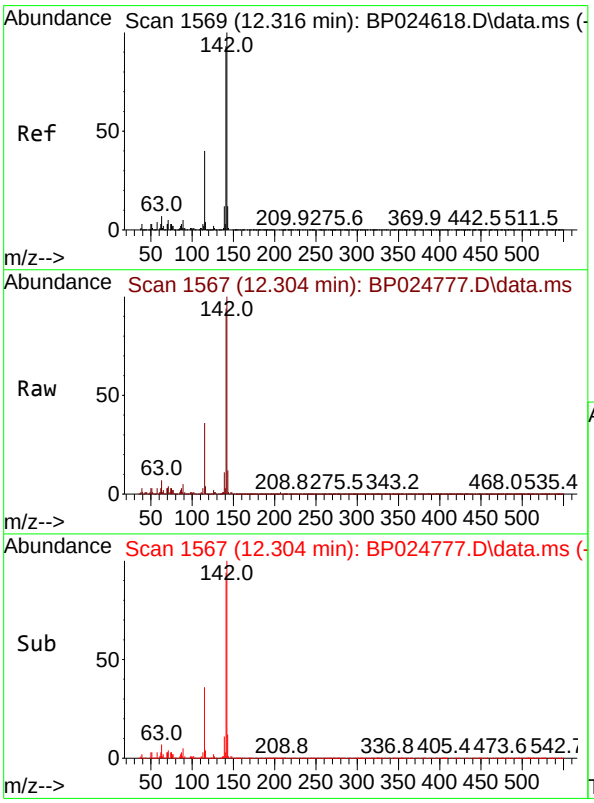
#37
2-Methylnaphthalene
Concen: 4.940 ng
RT: 12.087 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Tgt Ion:142 Resp: 66559

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.2	106.8
115	37.5	30.6	46.0

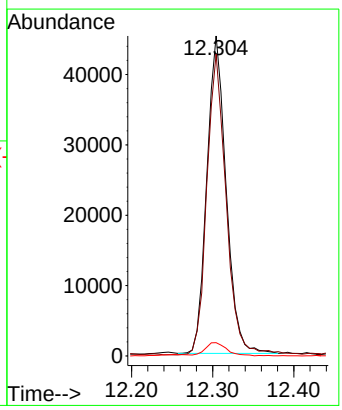


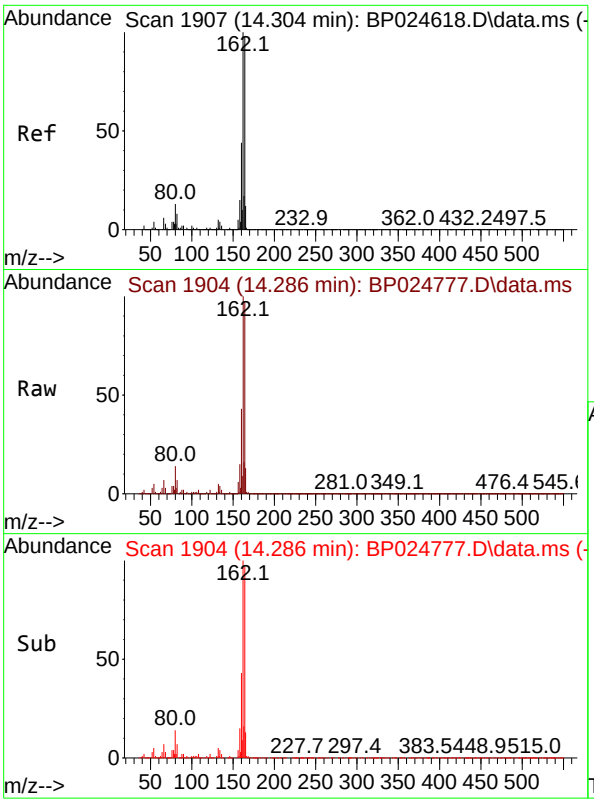


#38
1-Methylnaphthalene
Concen: 5.158 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:142 Resp: 74365

Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.7	112.1
116	4.1	3.4	5.2



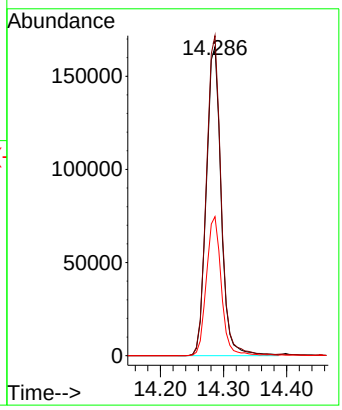


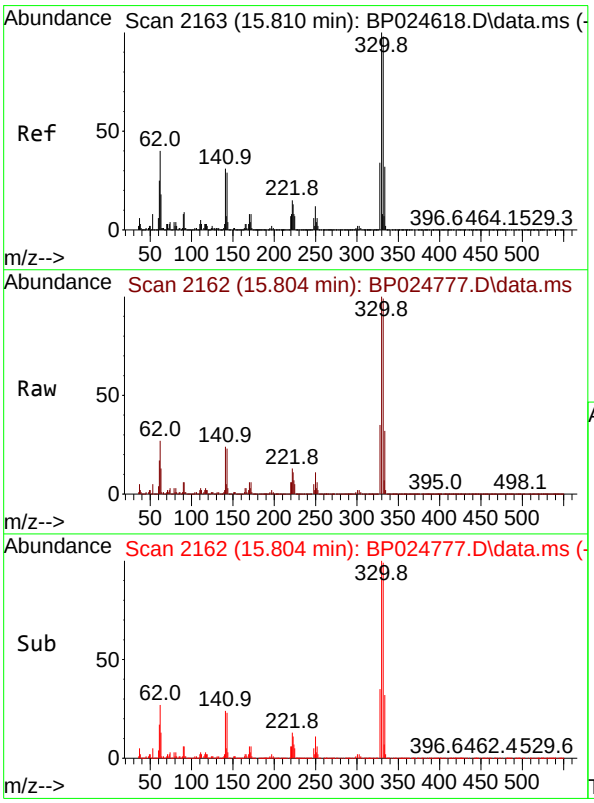
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Tgt Ion:164 Resp: 269516

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.8	122.6
160	45.0	36.3	54.5

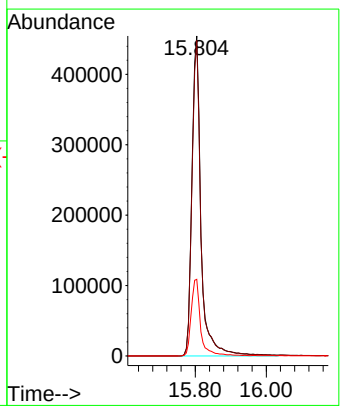


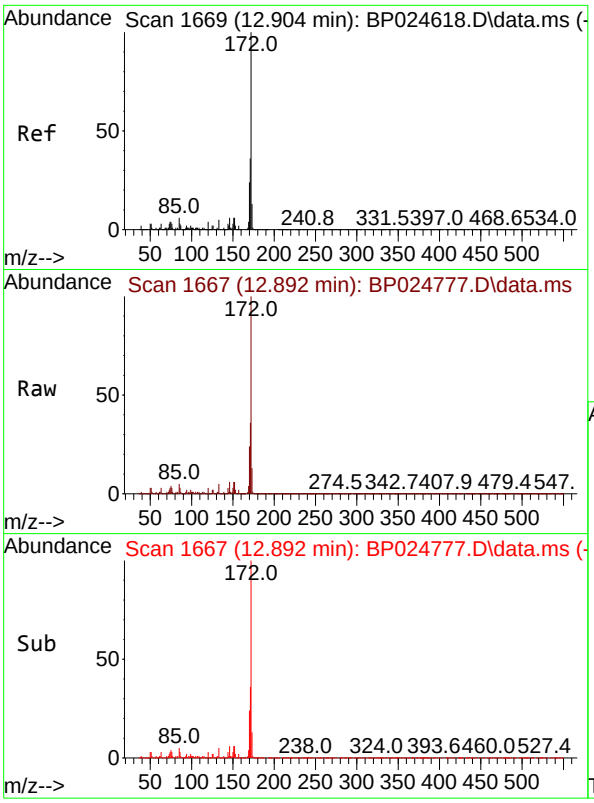


#42
2,4,6-Tribromophenol
Concen: 177.715 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:330 Resp: 811993

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.4
141	24.8	24.3	36.5



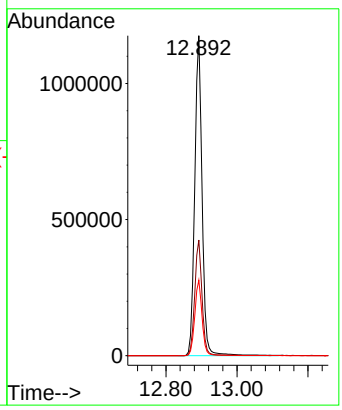


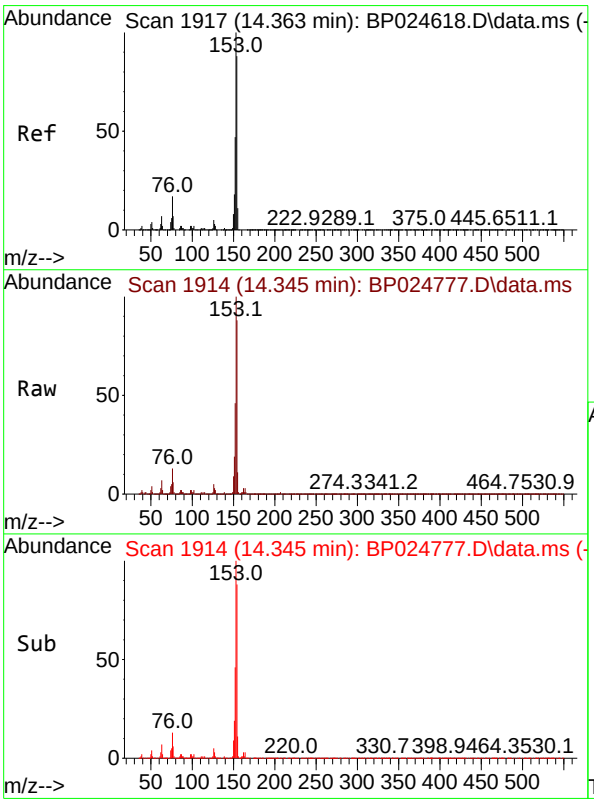
#45
2-Fluorobiphenyl
Concen: 82.500 ng
RT: 12.892 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Tgt Ion:172 Resp: 1697164

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.6	18.8	28.2

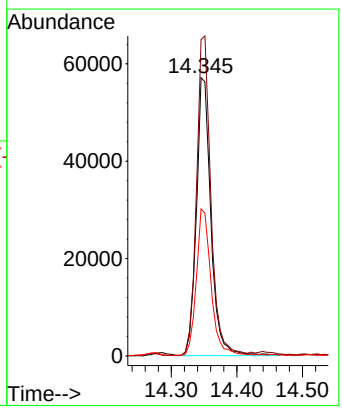


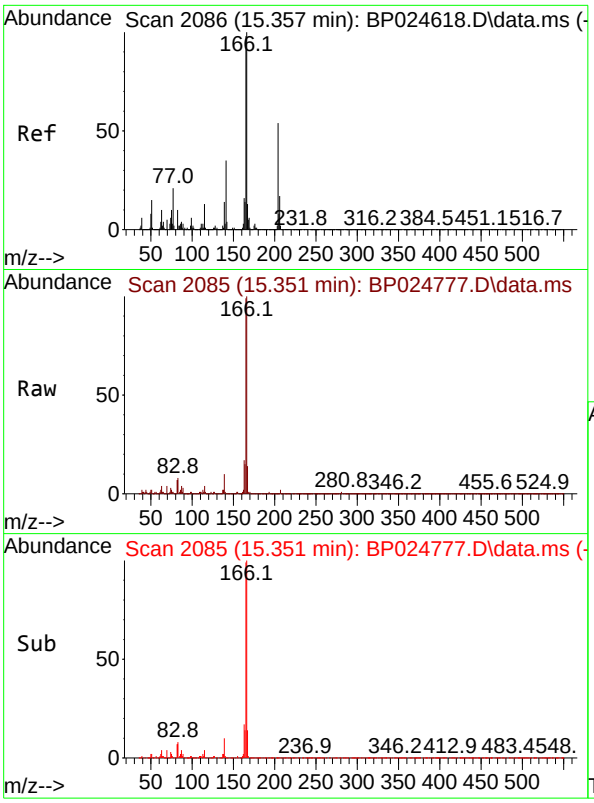


#52
Acenaphthene
Concen: 6.024 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:154 Resp: 88026

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.4
152	52.8	42.9	64.3



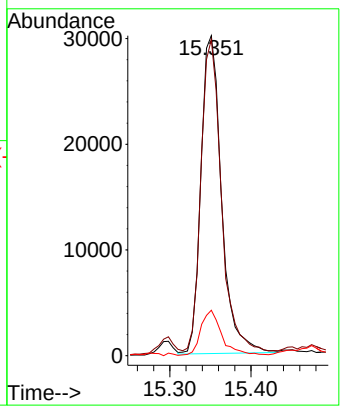


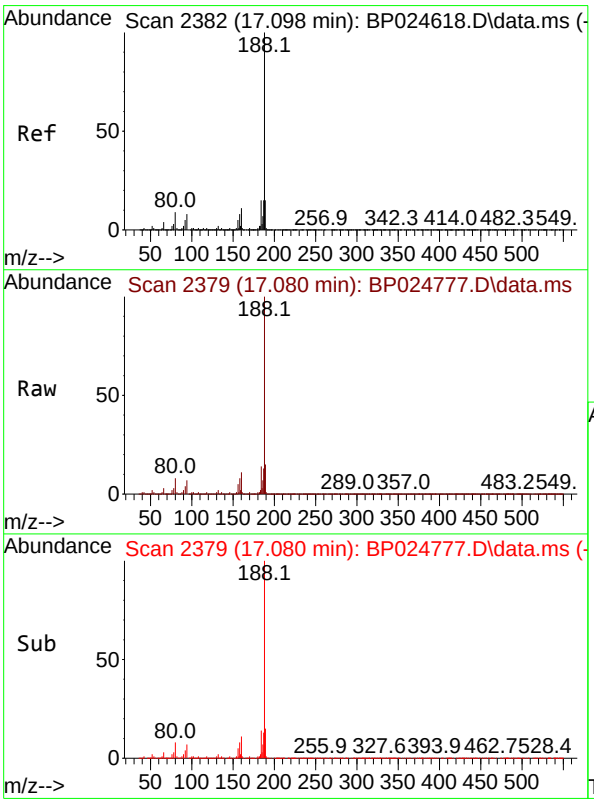
#58
Fluorene
Concen: 2.793 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Tgt Ion:166 Resp: 53087

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.5	117.7
167	14.2	10.7	16.1

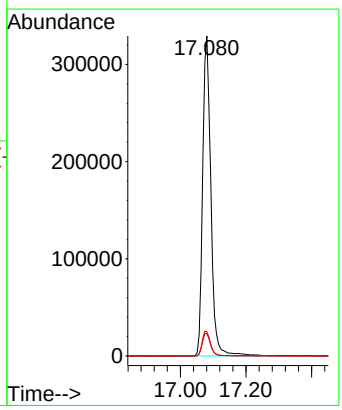


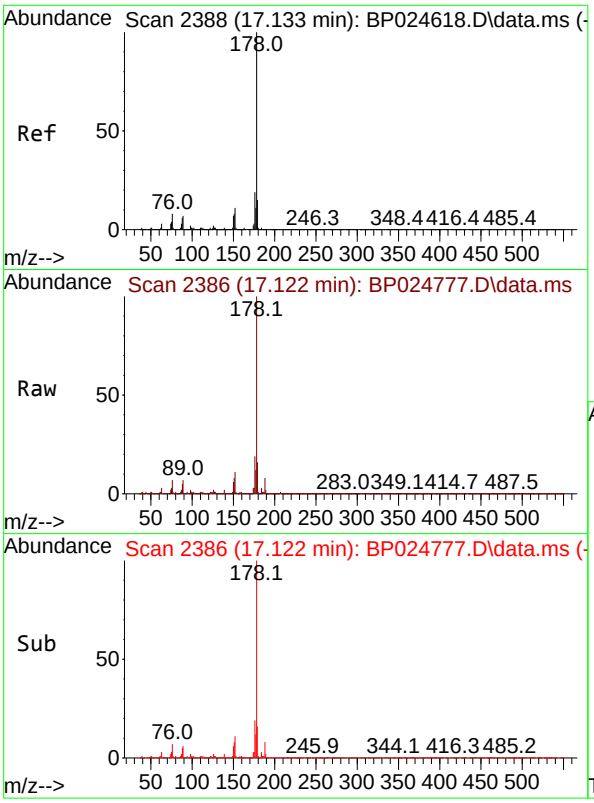


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:188 Resp: 576154

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.5	9.7
80	7.6	7.3	10.9



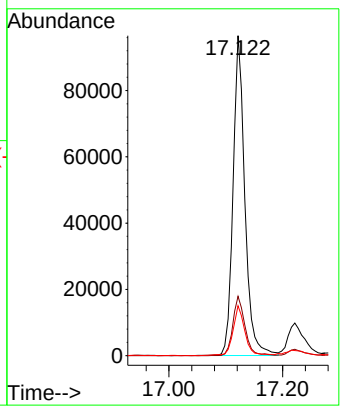


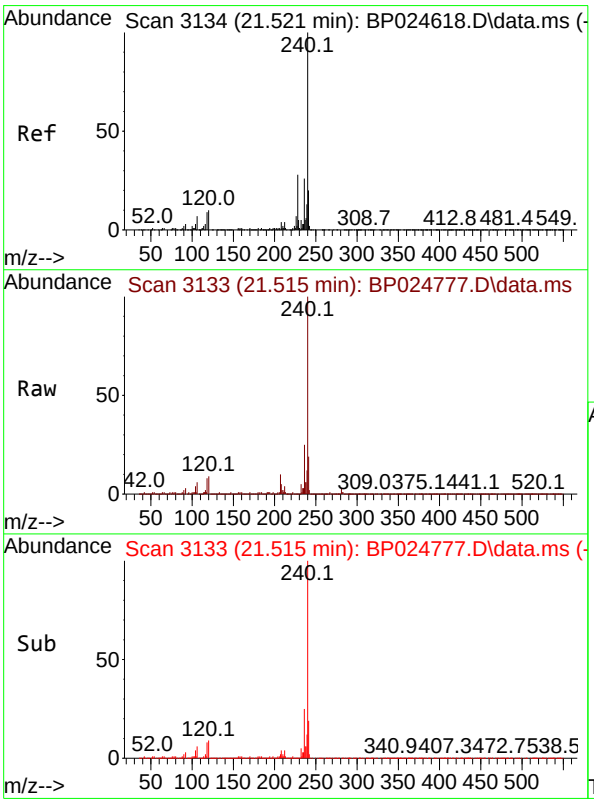
#71
Phenanthrene
Concen: 4.339 ng
RT: 17.122 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Tgt Ion:178 Resp: 138972

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.6	12.2	18.4

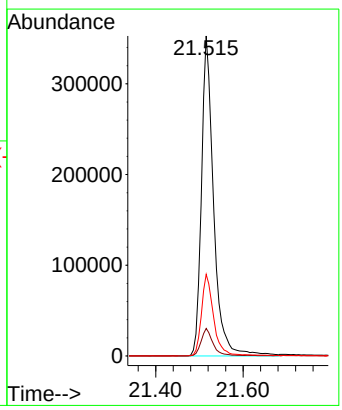


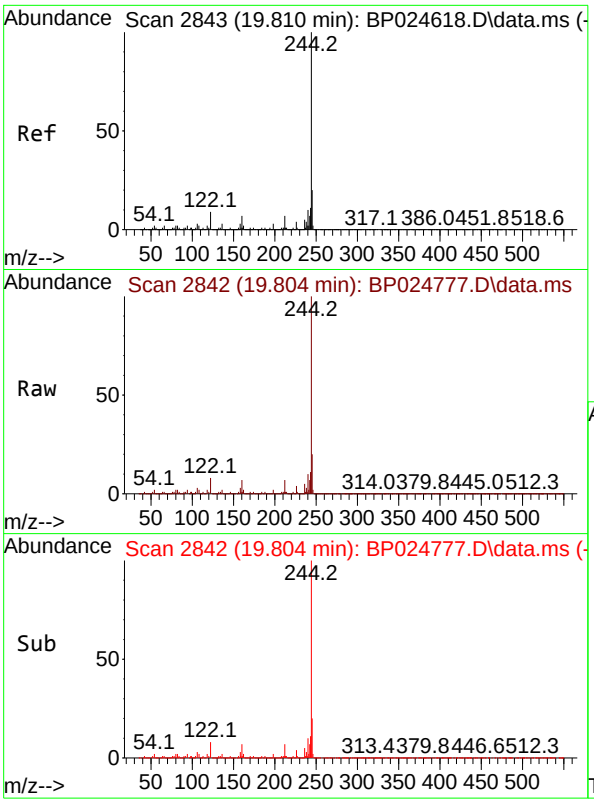


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:240 Resp: 685860

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.8	11.6
236	25.5	20.6	31.0



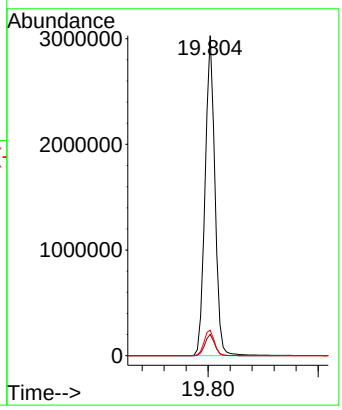


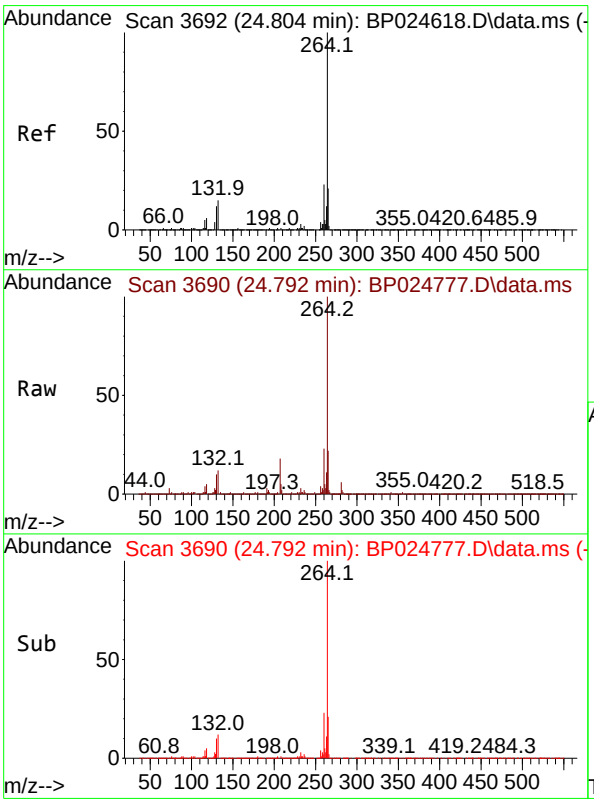
#79
Terphenyl-d14
Concen: 93.530 ng
RT: 19.804 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :
WC-A2-01-C

Tgt Ion:244 Resp: 3741121

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	8.0	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:264 Resp: 790962

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	22.2	17.0	25.6