Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025316.D
Acq On : 07 Aug 2025 16:31
Operator : CG/JU
Sample : Q2786-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-03-08062025

Quant Time: Aug 07 16:51:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	229914	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	949350	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	639236	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1260820	20.000	ng	0.00
76) Chrysene-d12	21.666	240	1198090	20.000	ng	0.00
86) Perylene-d12	25.054	264	1335080	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1095542	76.639	ng	0.00
7) Phenol-d6	6.967	99	1458233	77.511	ng	0.00
23) Nitrobenzene-d5	8.943	82	793608	46.313	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	561601	88.065	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	1672027	36.128	ng	0.00
79) Terphenyl-d14	19.948	244	2670284	42.097	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.625	128	778301	15.792	ng	# 95
37) 2-Methylnaphthalene	12.231	142	986166	30.915	ng	100
38) 1-Methylnaphthalene	12.449	142	758953	22.802	ng	99
71) Phenanthrene	17.260	178	175524	2.542	ng	98
75) Fluoranthene	19.342	202	266494	3.334	ng	98
78) Pyrene	19.713	202	264512	3.320	ng	98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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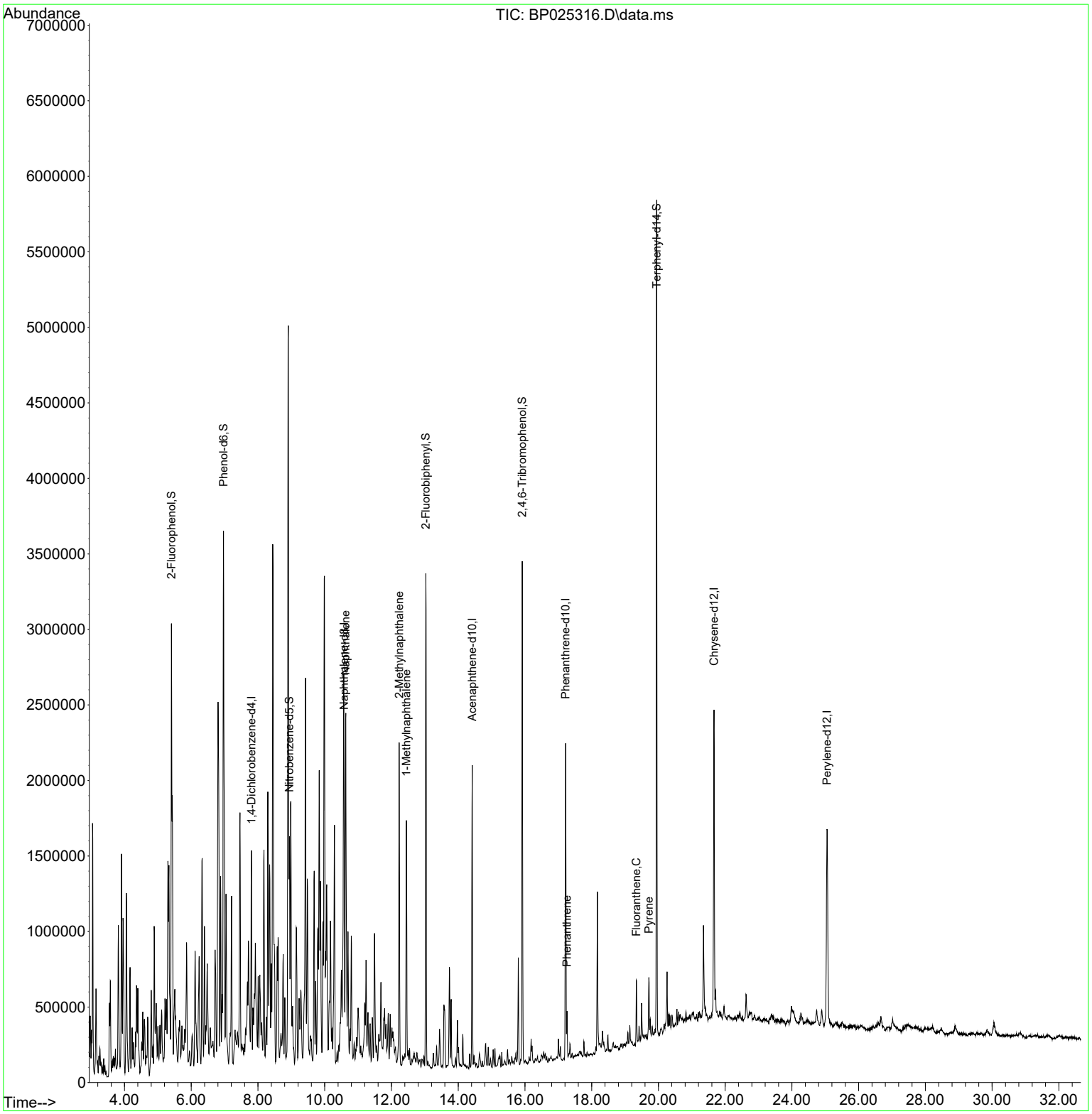
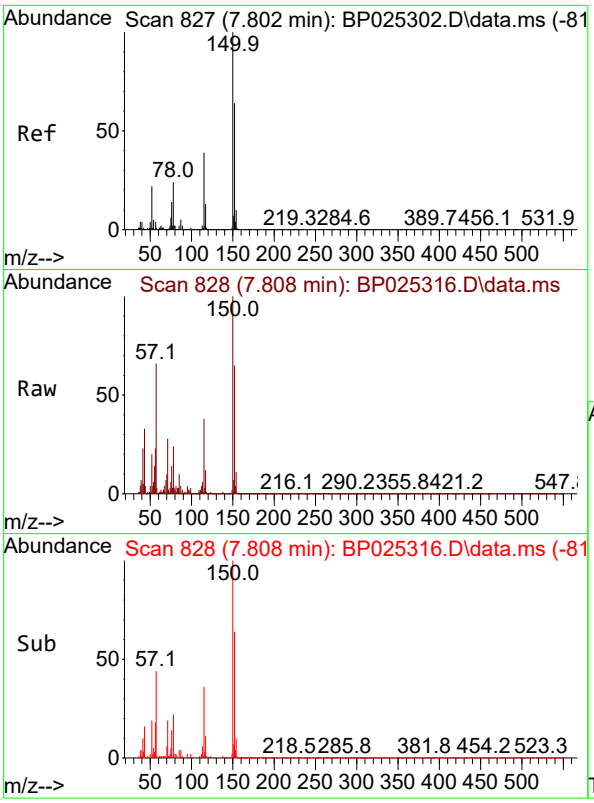


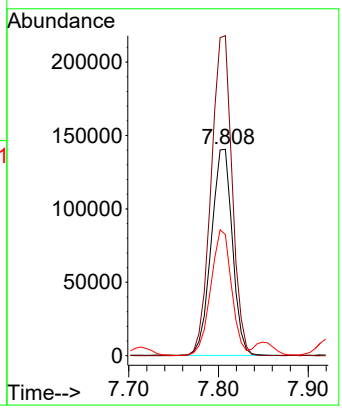


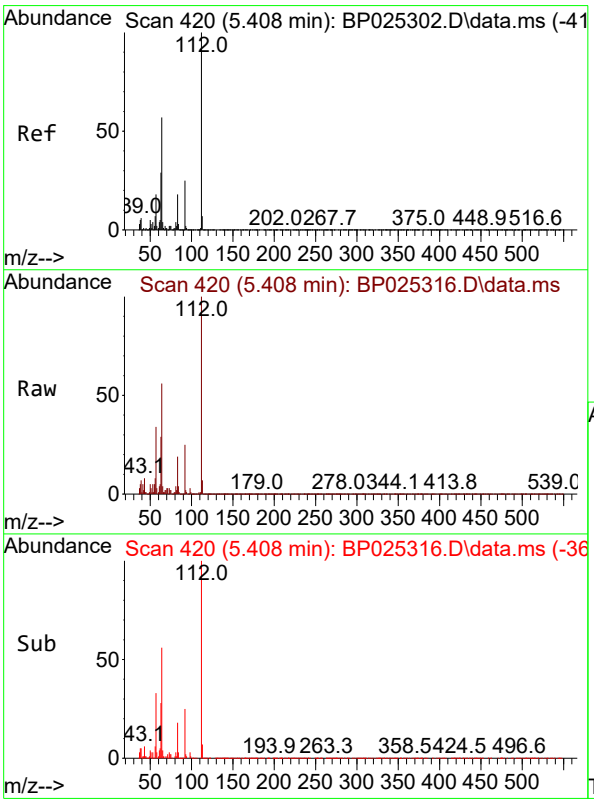
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Instrument :
BNA_P
ClientSampleId :
PL-03-08062025

Tgt Ion:152 Resp: 229914

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.1	187.7
115	58.6	48.4	72.6

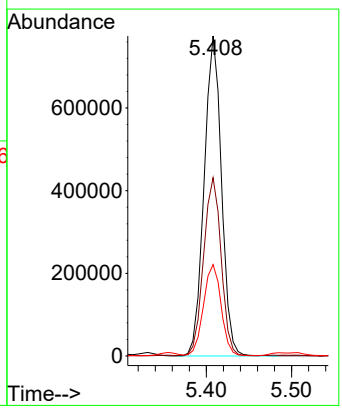


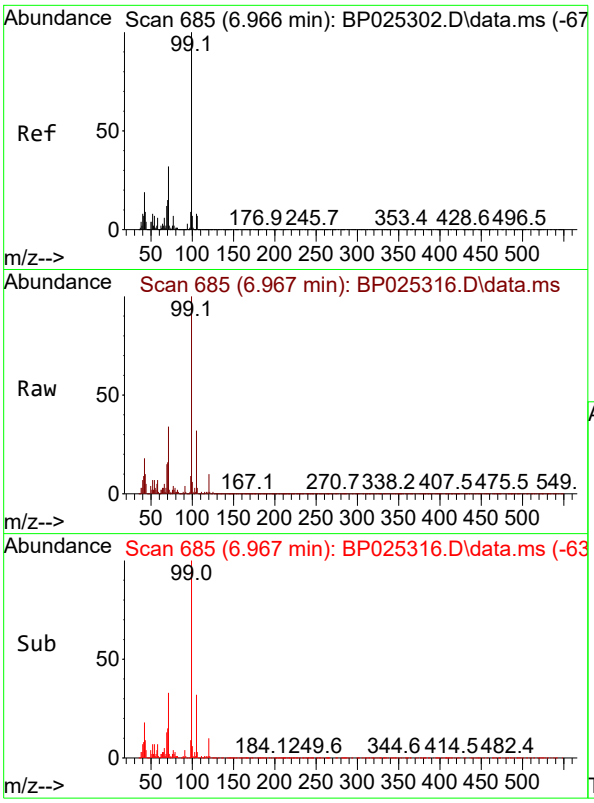


#5
2-Fluorophenol
Concen: 76.639 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Tgt Ion:112 Resp: 1095542

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.3	67.9
63	28.6	23.0	34.6



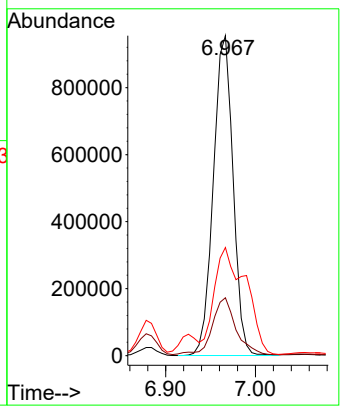


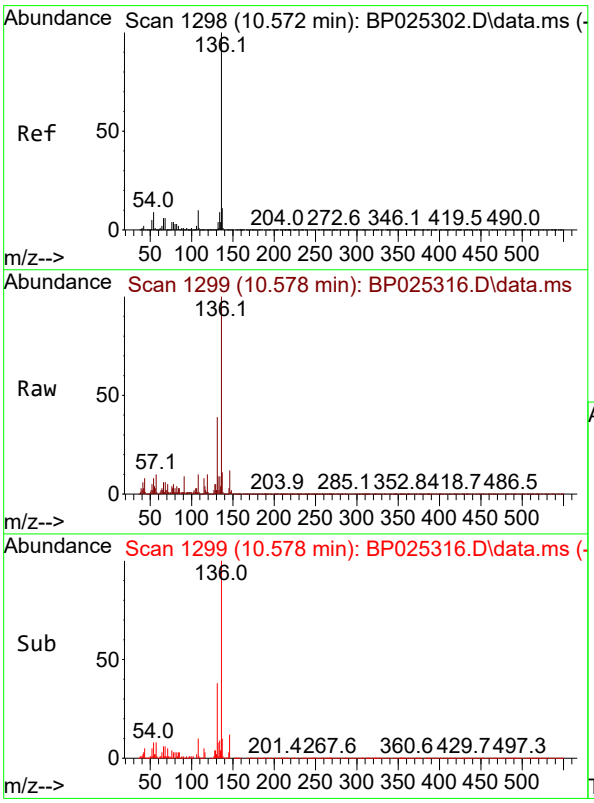
#7
Phenol-d6
Concen: 77.511 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Instrument :
BNA_P
ClientSampleId :
PL-03-08062025

Tgt Ion: 99 Resp: 1458233

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.6
71	33.8	25.5	38.3

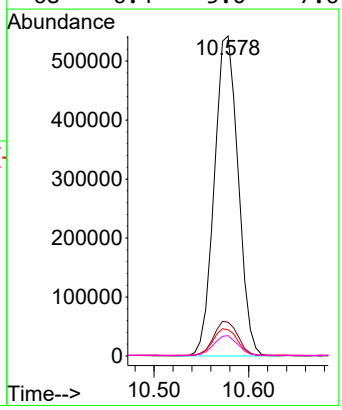


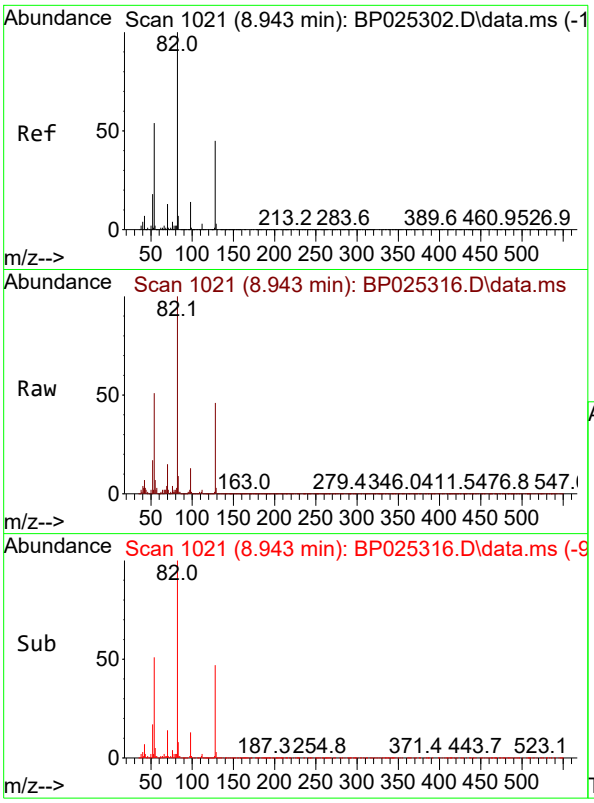


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Tgt Ion:136 Resp: 949350

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.2	7.0	10.6
68	6.4	5.0	7.6



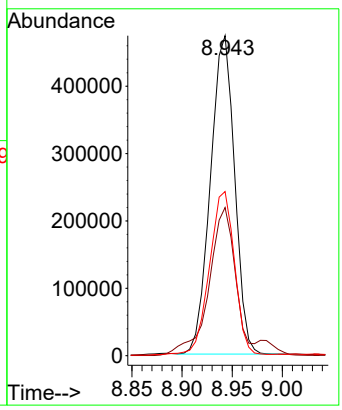


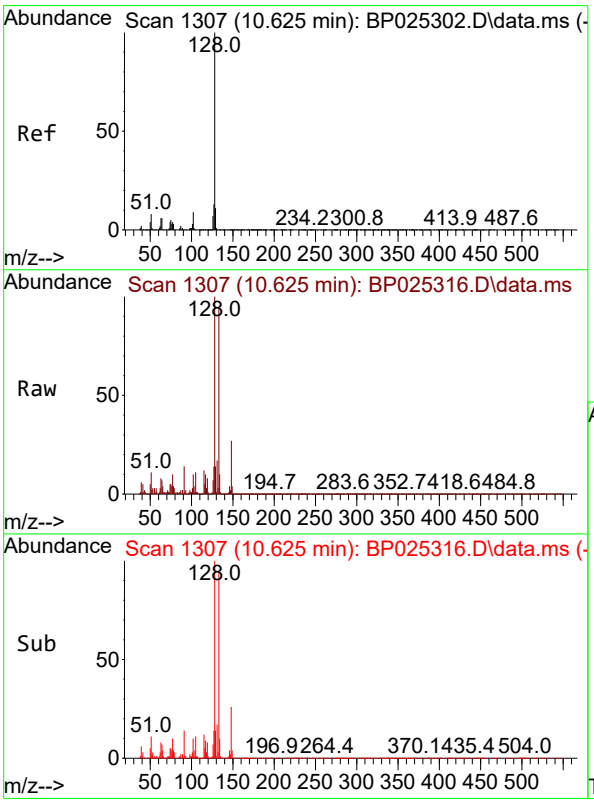
#23
Nitrobenzene-d5
Concen: 46.313 ng
RT: 8.943 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Instrument :
BNA_P
ClientSampleId :
PL-03-08062025

Tgt Ion: 82 Resp: 793608

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.4	53.2
54	51.3	42.9	64.3

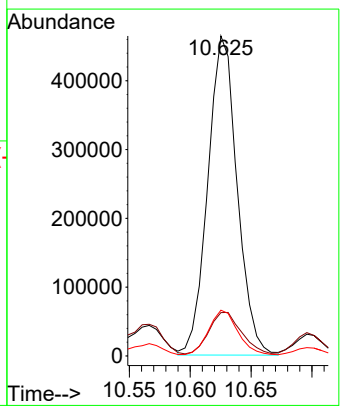


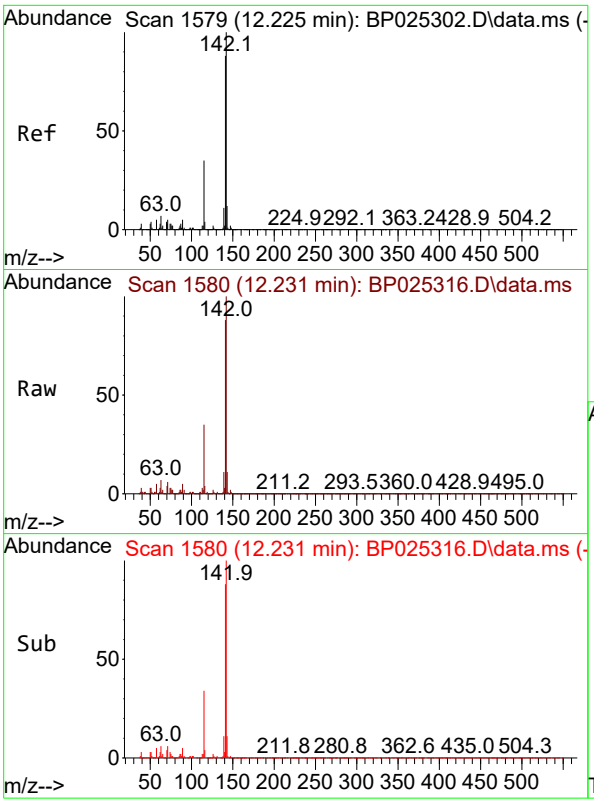


#31
Naphthalene
Concen: 15.792 ng
RT: 10.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Tgt Ion:128 Resp: 778301

Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.9	13.3#
127	14.3	10.4	15.6



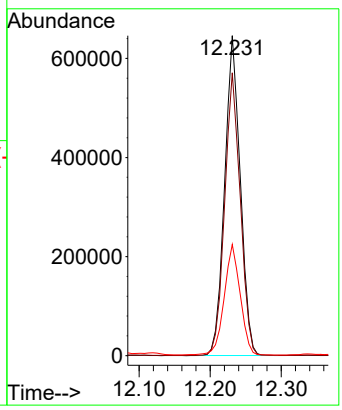


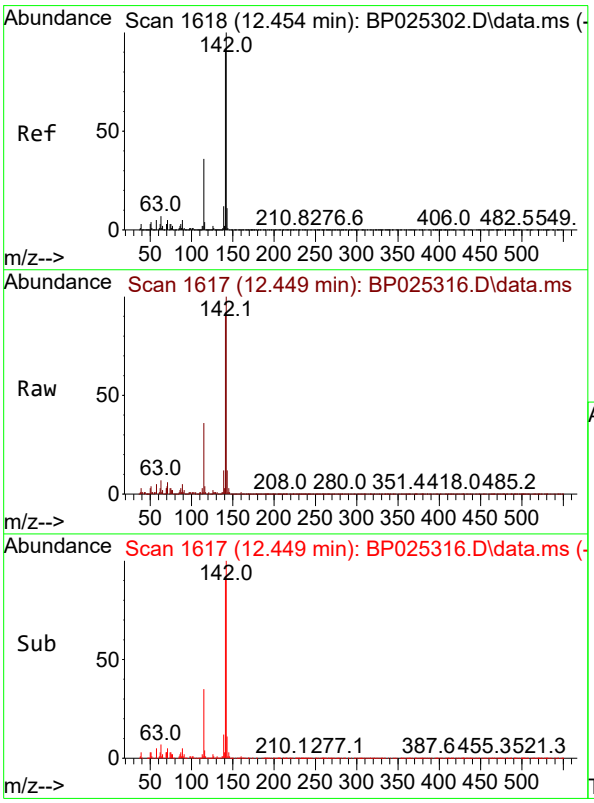
#37
2-Methylnaphthalene
Concen: 30.915 ng
RT: 12.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Instrument :
BNA_P
ClientSampleId :
PL-03-08062025

Tgt Ion:142 Resp: 986166

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	34.8	28.0	42.0

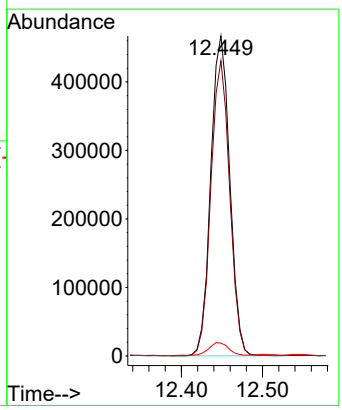


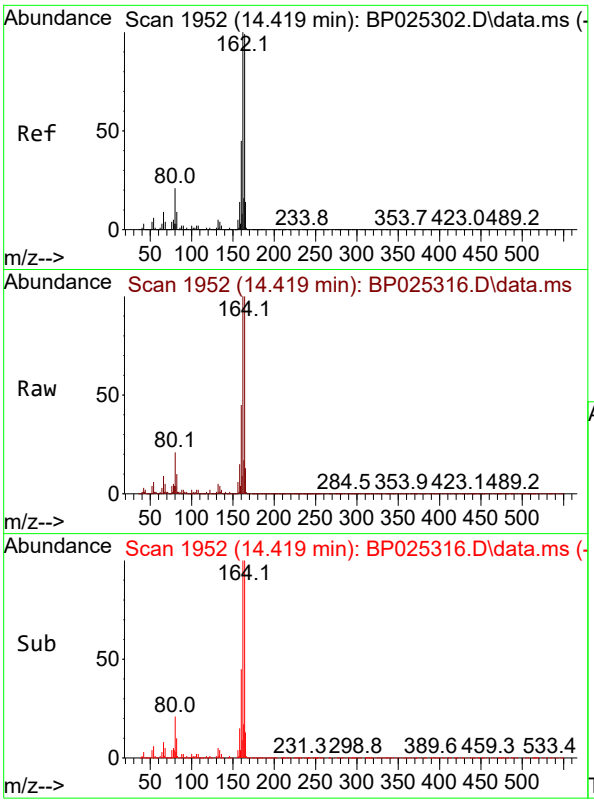


#38
1-Methylnaphthalene
Concen: 22.802 ng
RT: 12.449 min Scan# 1617
Delta R.T. -0.005 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Tgt Ion:142 Resp: 758953

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.6
116	4.0	3.0	4.6



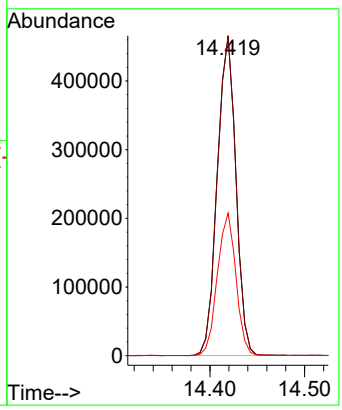


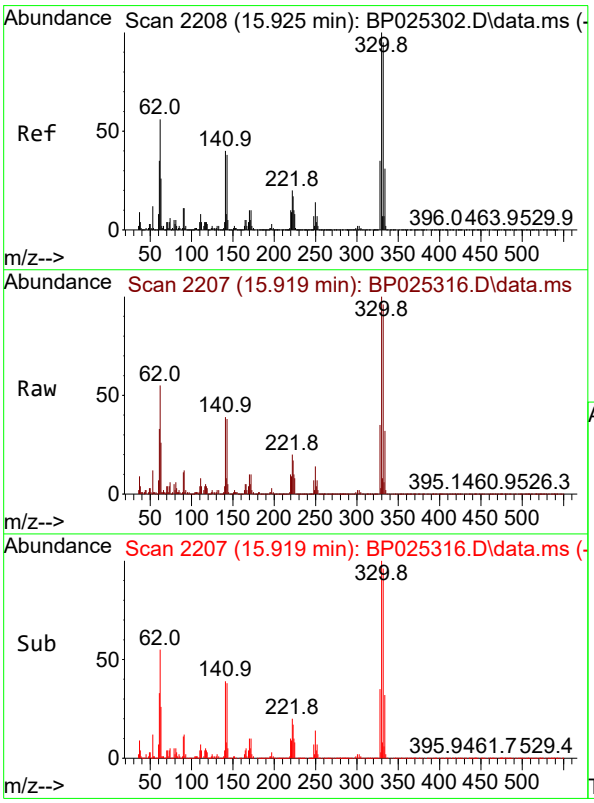
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Instrument :
BNA_P
ClientSampleId :
PL-03-08062025

Tgt Ion:164 Resp: 639236

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	44.6	35.9	53.9

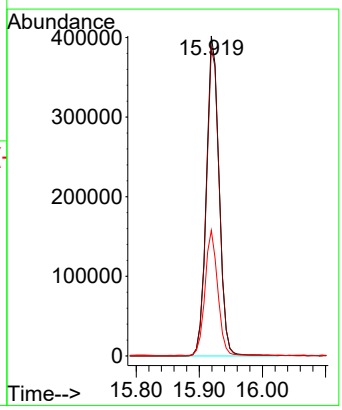


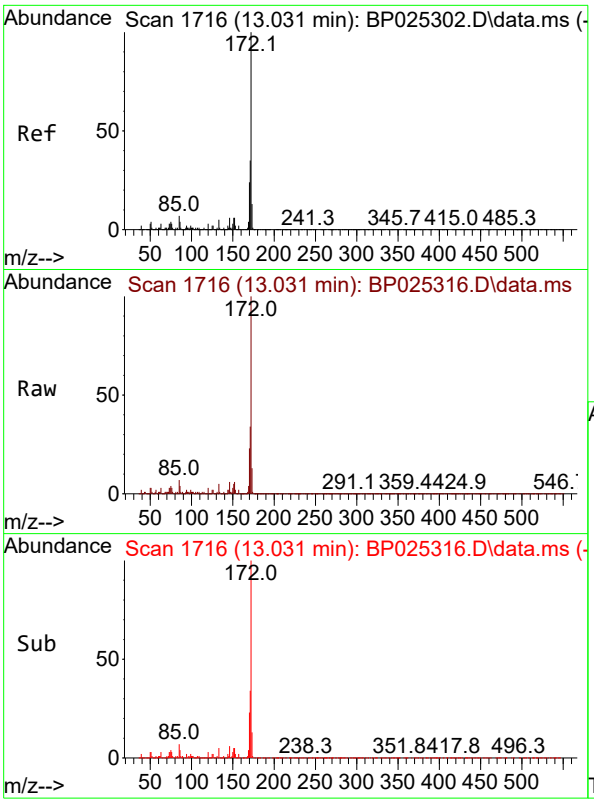


#42
2,4,6-Tribromophenol
Concen: 88.065 ng
RT: 15.919 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Tgt Ion:330 Resp: 561601

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.0
141	38.9	31.7	47.5



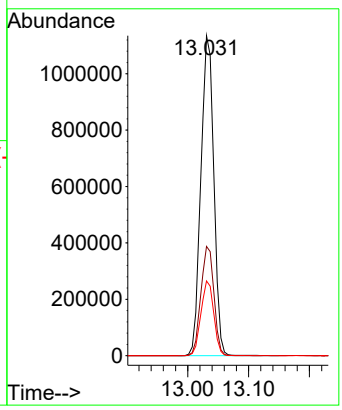


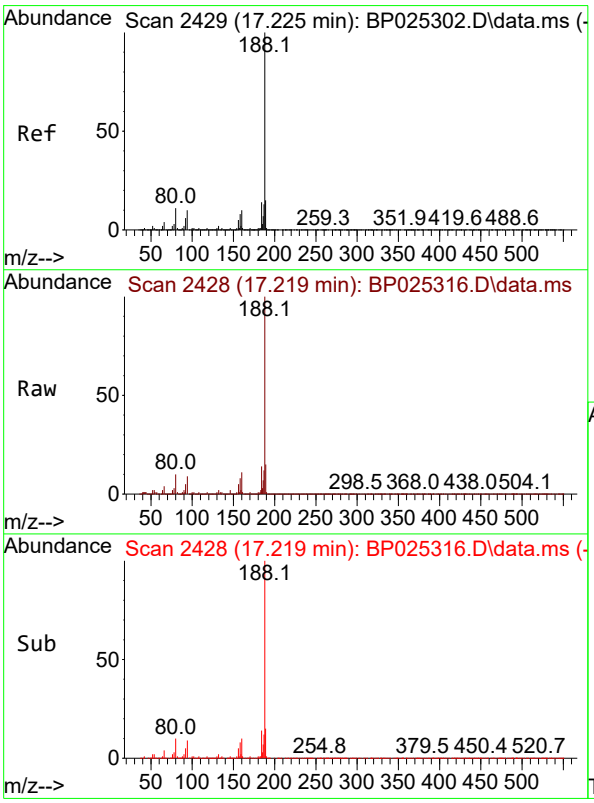
#45
2-Fluorobiphenyl
Concen: 36.128 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Instrument :
BNA_P
ClientSampleId :
PL-03-08062025

Tgt Ion:172 Resp: 1672027

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.9	41.9
170	23.3	18.9	28.3

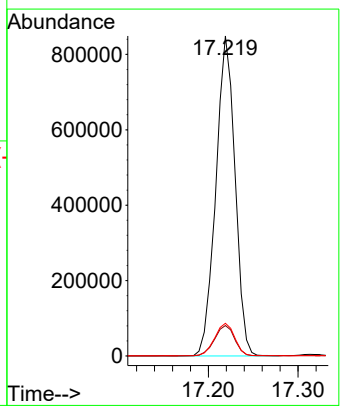


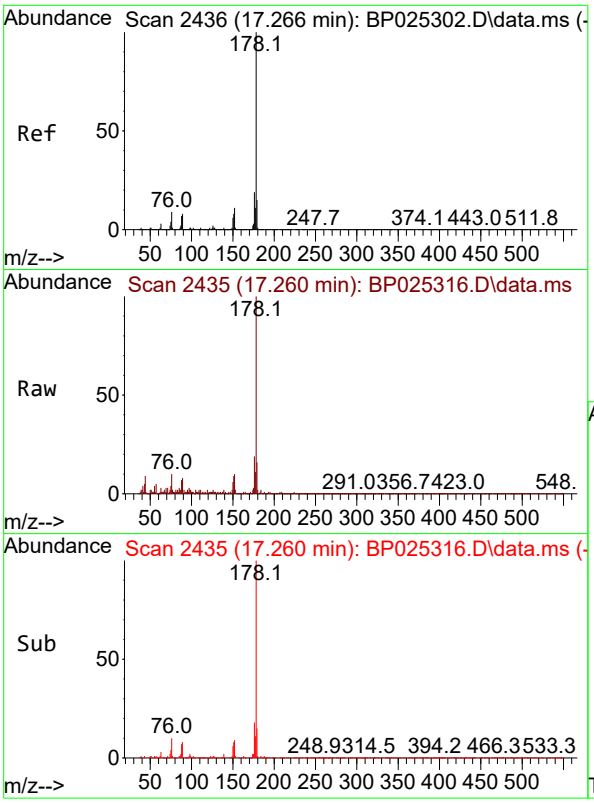


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Tgt Ion:188 Resp: 1260820

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.2	8.5	12.7



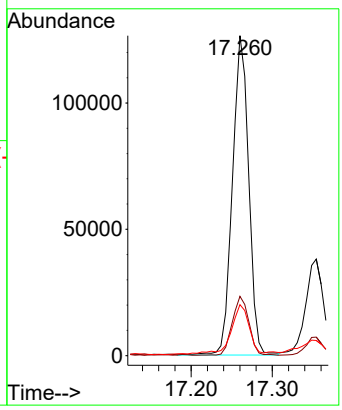


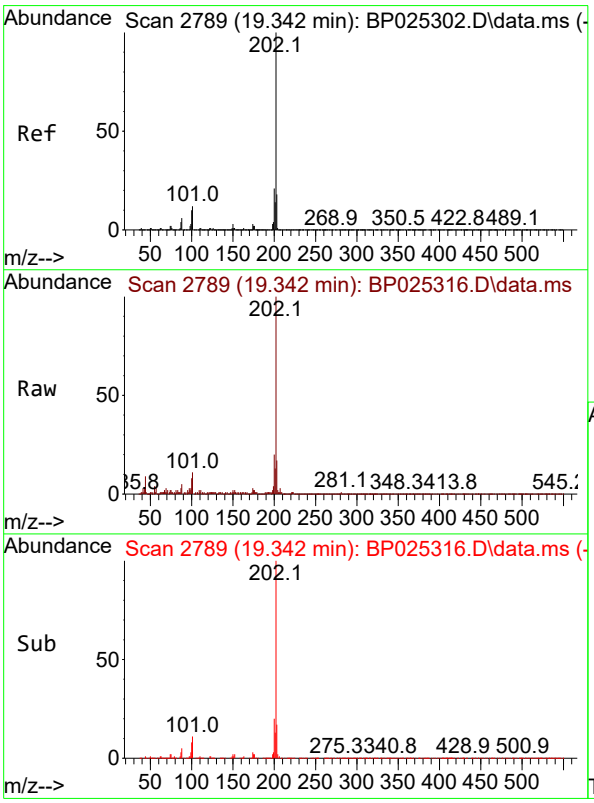
#71
Phenanthrene
Concen: 2.542 ng
RT: 17.260 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Instrument :
BNA_P
ClientSampleId :
PL-03-08062025

Tgt Ion:178 Resp: 175524

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	16.0	12.1	18.1

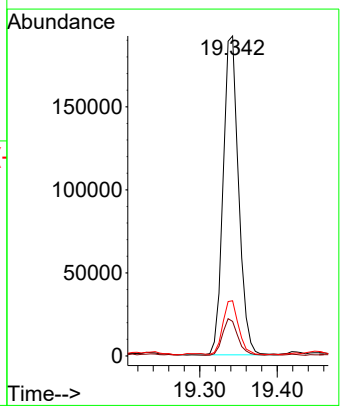


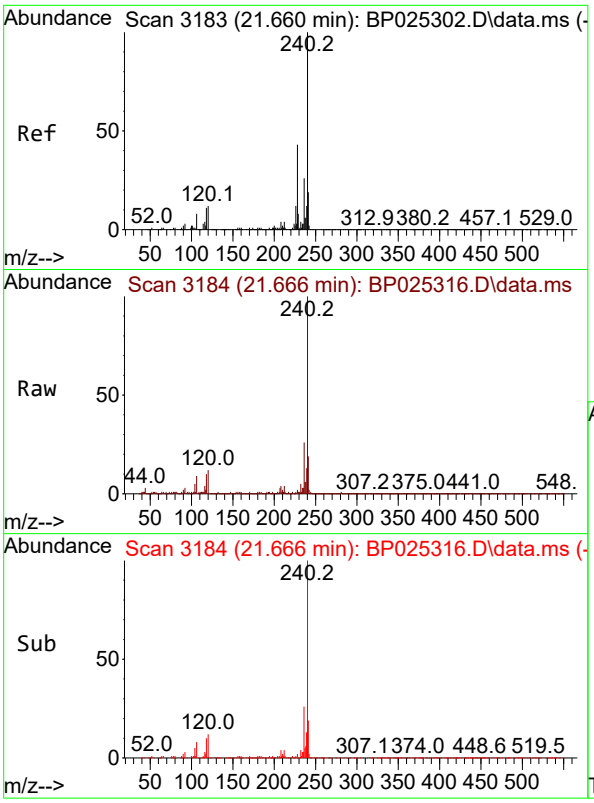


#75
Fluoranthene
Concen: 3.334 ng
RT: 19.342 min Scan# 2789
Delta R.T. 0.000 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Tgt Ion:202 Resp: 266494

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.5
203	17.2	0.0	37.6



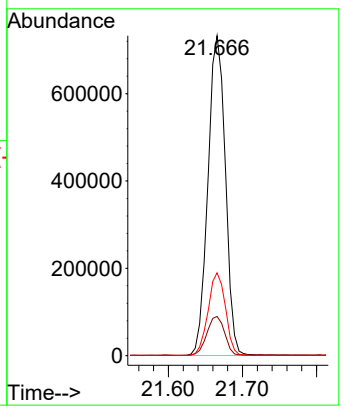


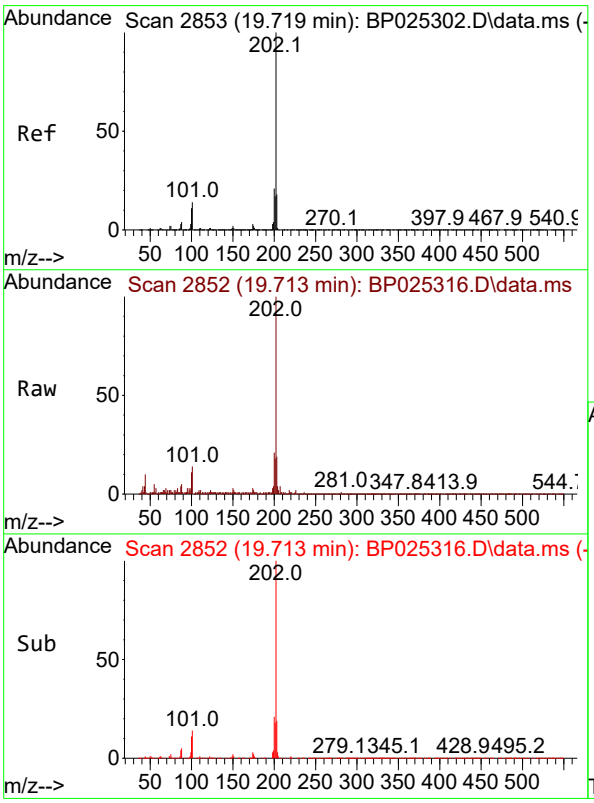
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Instrument :
BNA_P
ClientSampleId :
PL-03-08062025

Tgt Ion:240 Resp: 1198090

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.6	14.4
236	25.9	20.4	30.6

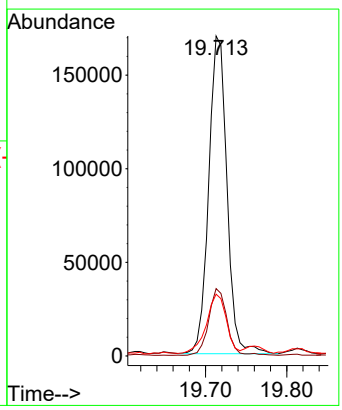


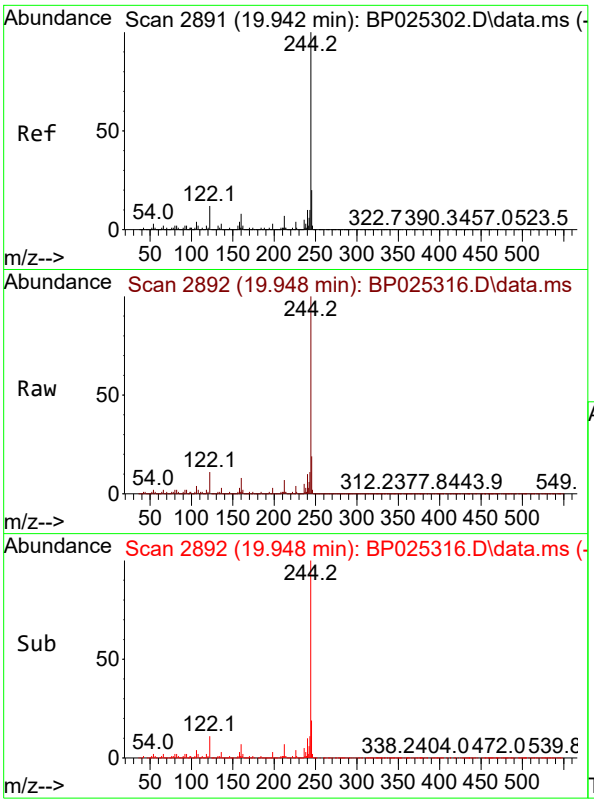


#78
Pyrene
Concen: 3.320 ng
RT: 19.713 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Tgt Ion:202 Resp: 264512

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	19.3	14.1	21.1



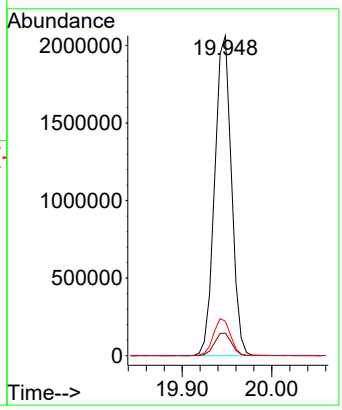


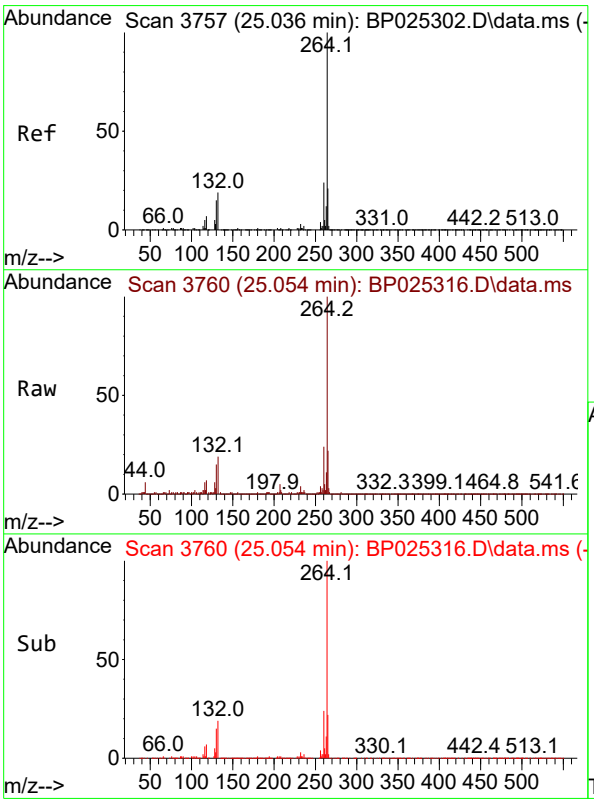
#79
Terphenyl-d14
Concen: 42.097 ng
RT: 19.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Instrument :
BNA_P
ClientSampleId :
PL-03-08062025

Tgt Ion:244 Resp: 2670284

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.8	9.5	14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.054 min Scan# 3760
Delta R.T. 0.018 min
Lab File: BP025316.D
Acq: 07 Aug 2025 16:31

Tgt Ion:264 Resp: 1335080

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.1	25.7