Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025938.D
Acq On : 07 Oct 2025 01:13
Operator : CG/JU
Sample : Q3290-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Quant Time: Oct 07 02:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.742	152	141066	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	539142	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	353481	20.000	ng	-0.03
64) Phenanthrene-d10	17.142	188	714617	20.000	ng	-0.04
76) Chrysene-d12	21.577	240	837934	20.000	ng	-0.07
86) Perylene-d12	24.936	264	978267	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	91881	10.510	ng	0.00
7) Phenol-d6	6.972	99	96364	8.293	ng	0.02
23) Nitrobenzene-d5	8.901	82	67622	5.533	ng	0.00
42) 2,4,6-Tribromophenol	15.877	330	43090	9.773	ng	-0.03
45) 2-Fluorobiphenyl	12.972	172	165496	6.234	ng	-0.02
79) Terphenyl-d14	19.854	244	324934	6.976	ng	-0.06
Target Compounds						Qvalue
71) Phenanthrene	17.189	178	89099	2.198	ng	99
75) Fluoranthene	19.271	202	163044	3.354	ng	98
78) Pyrene	19.648	202	168125	3.007	ng	97

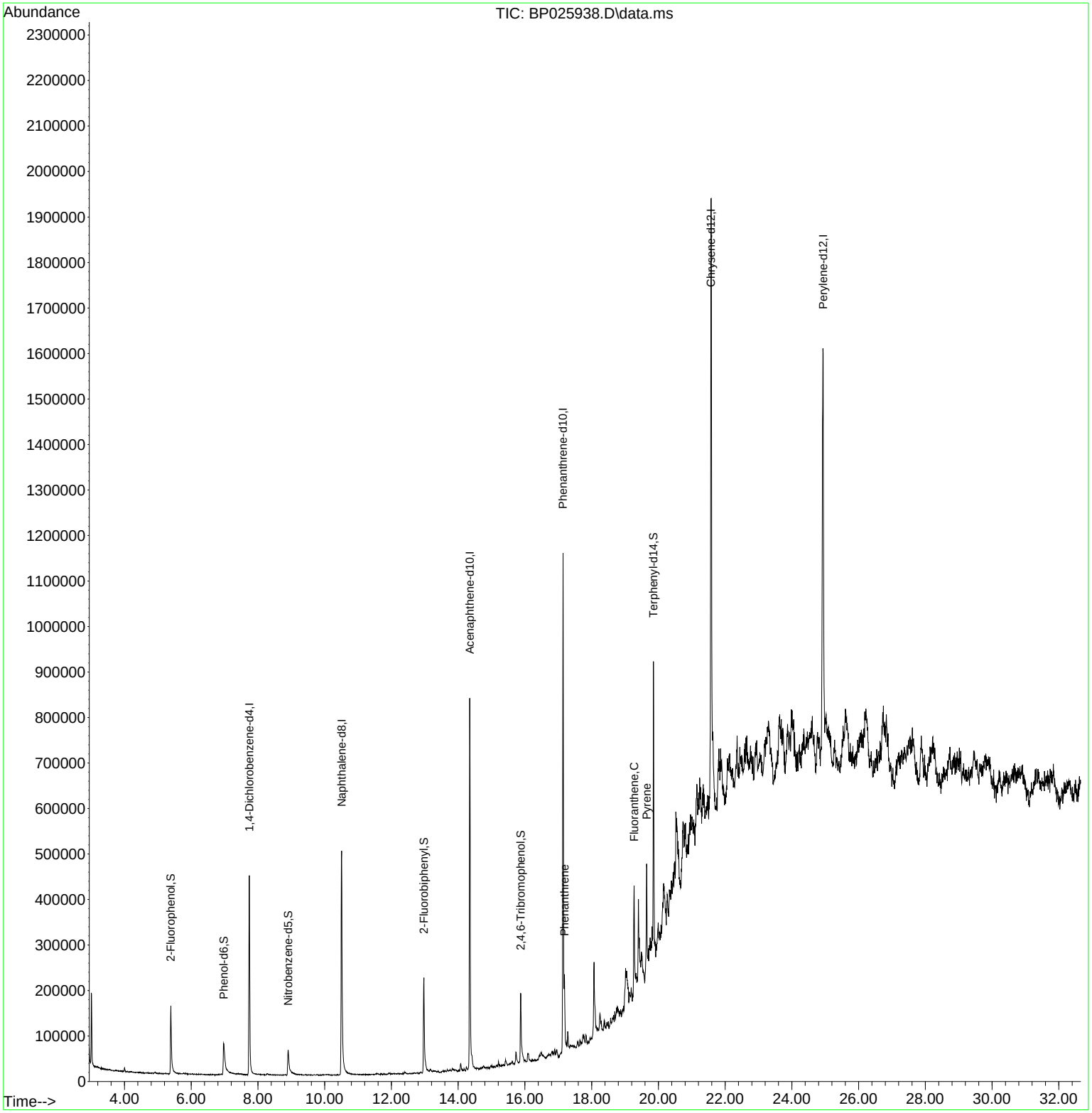
(#) = qualifier out of range (m) = manual integration (+) = signals summed

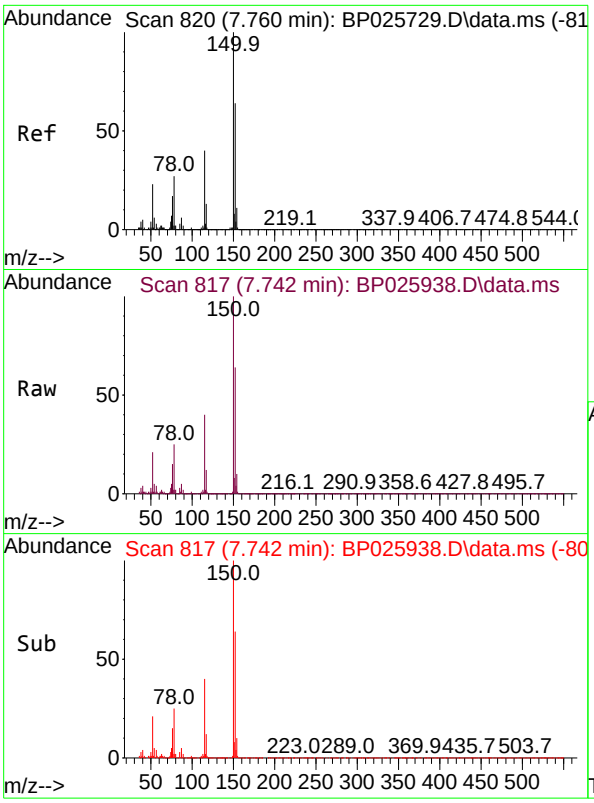
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025938.D
Acq On : 07 Oct 2025 01:13
Operator : CG/JU
Sample : Q3290-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Quant Time: Oct 07 02:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration



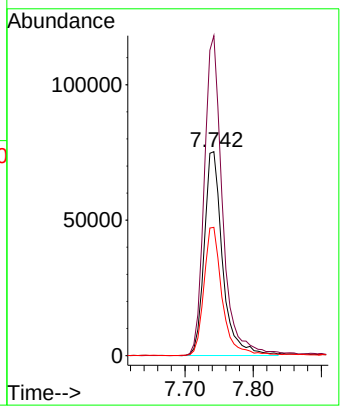


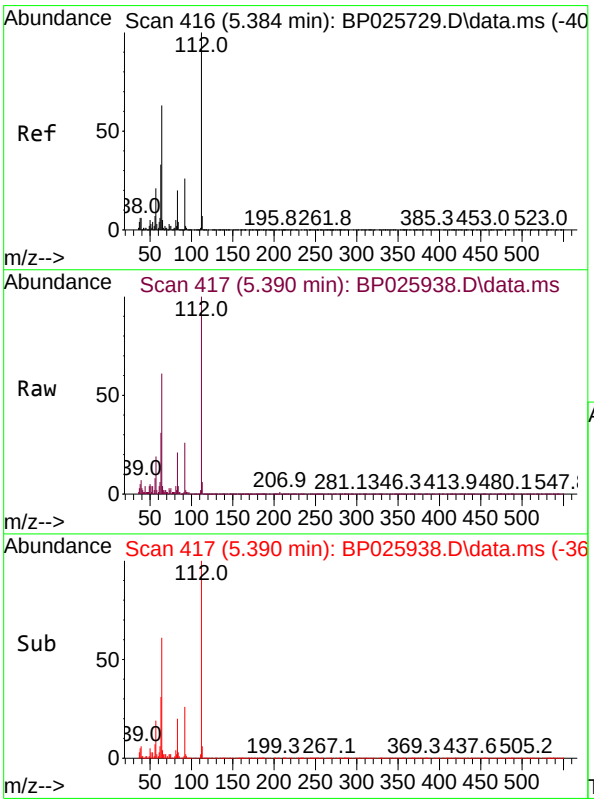
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.742 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Tgt Ion:152 Resp: 141066

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.3	186.5
115	62.9	50.3	75.5

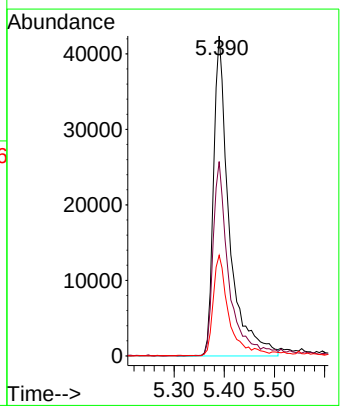


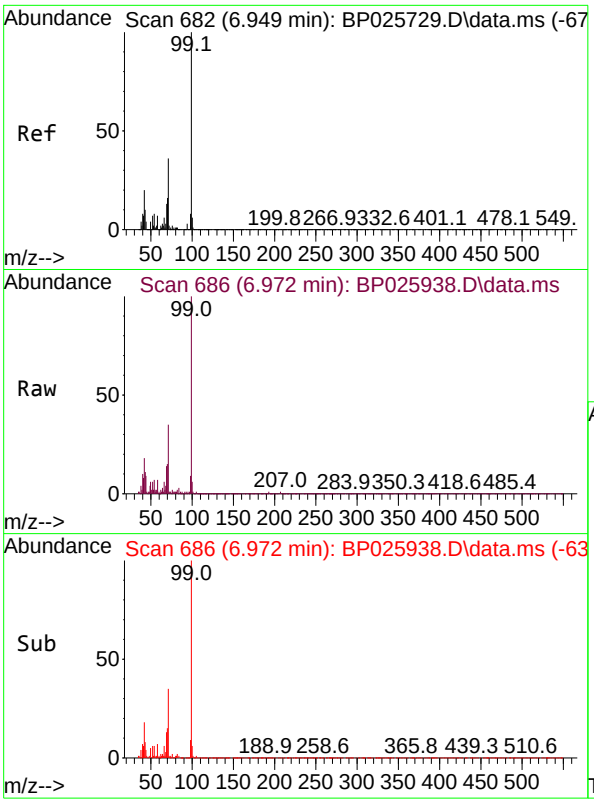


#5
2-Fluorophenol
Concen: 10.510 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Tgt Ion:112 Resp: 91881

Ion	Ratio	Lower	Upper
112	100		
64	60.7	50.2	75.4
63	31.4	26.7	40.1



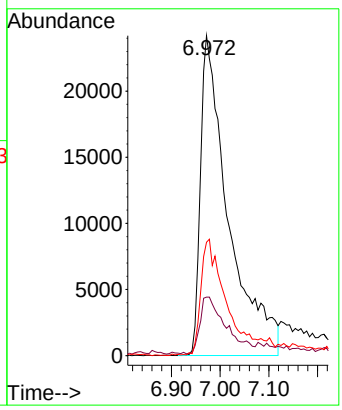


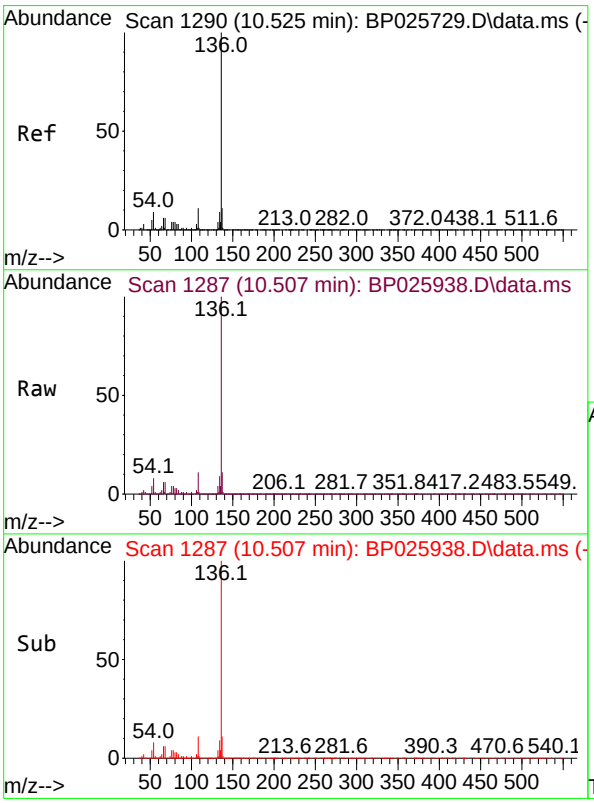
#7
Phenol-d6
Concen: 8.293 ng
RT: 6.972 min Scan# 68
Delta R.T. 0.023 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Tgt Ion: 99 Resp: 96364

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.6	23.4
71	35.4	28.6	43.0

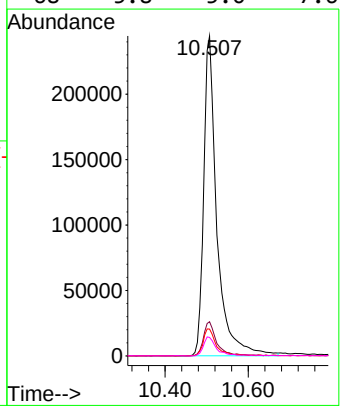


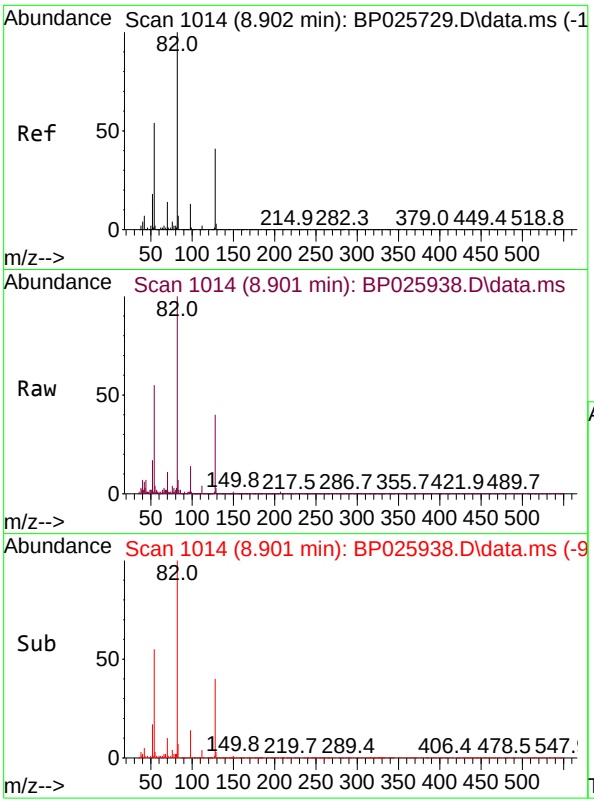


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Tgt Ion:136 Resp: 539142

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.4	7.5	11.3
68	5.8	5.0	7.6



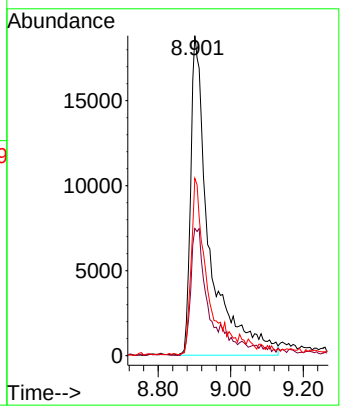


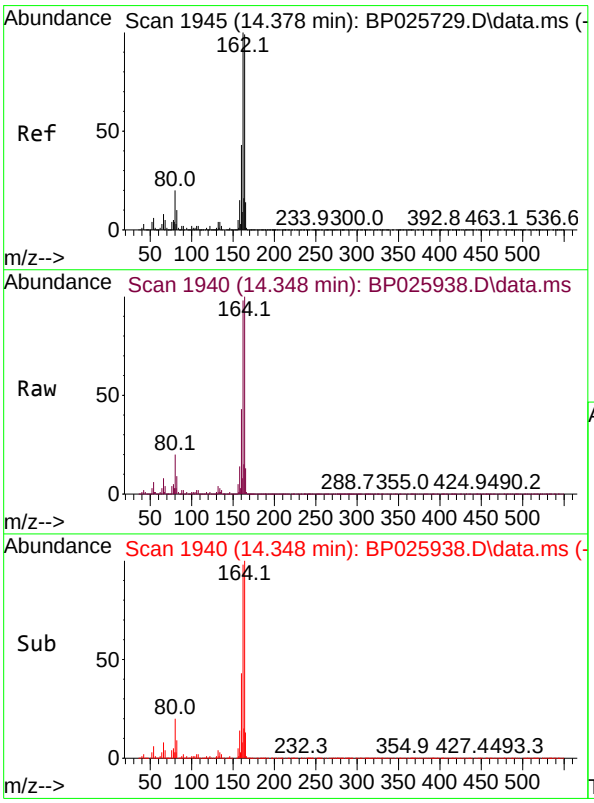
#23
Nitrobenzene-d5
Concen: 5.533 ng
RT: 8.901 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Tgt Ion: 82 Resp: 67622

Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.9	49.3
54	55.4	43.4	65.2

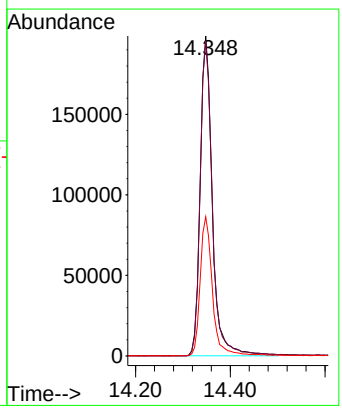


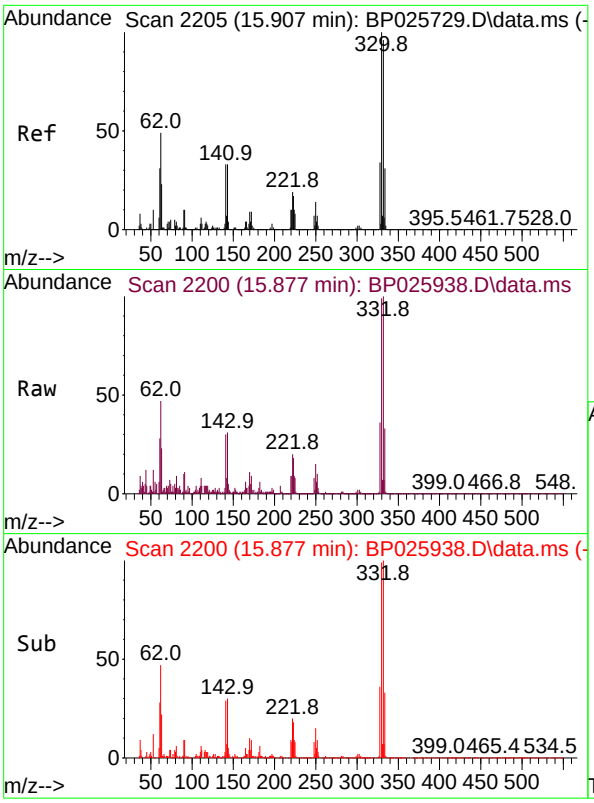


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.030 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Tgt Ion:164 Resp: 353481

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.6	120.8
160	43.5	35.0	52.6



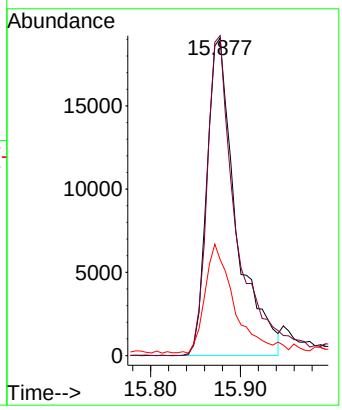


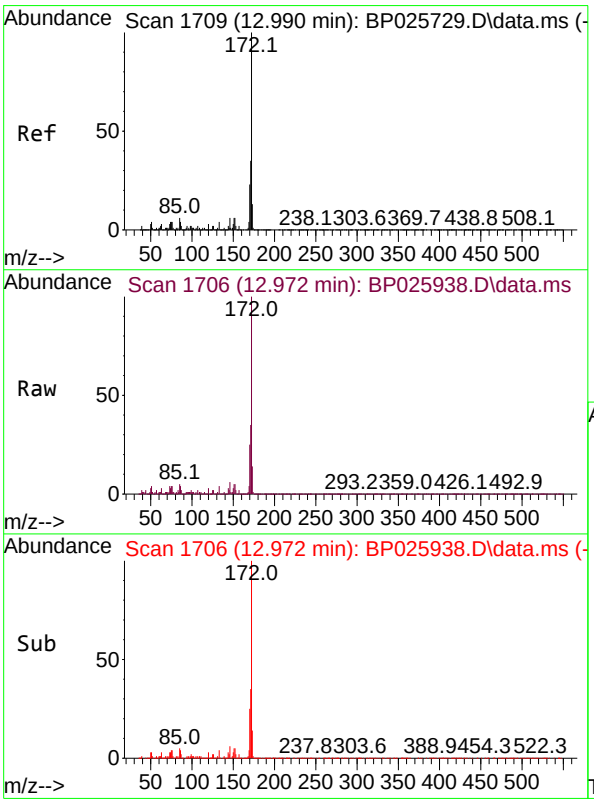
#42
2,4,6-Tribromophenol
Concen: 9.773 ng
RT: 15.877 min Scan# 2
Delta R.T. -0.030 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Tgt Ion:330 Resp: 43090

Ion	Ratio	Lower	Upper
330	100		
332	103.6	76.9	115.3
141	34.5	31.0	46.4

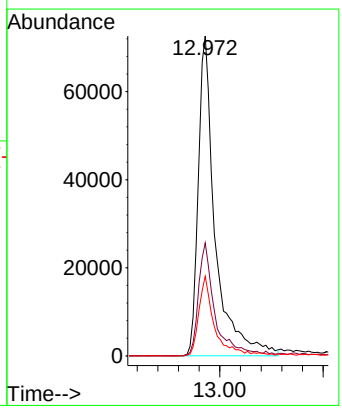


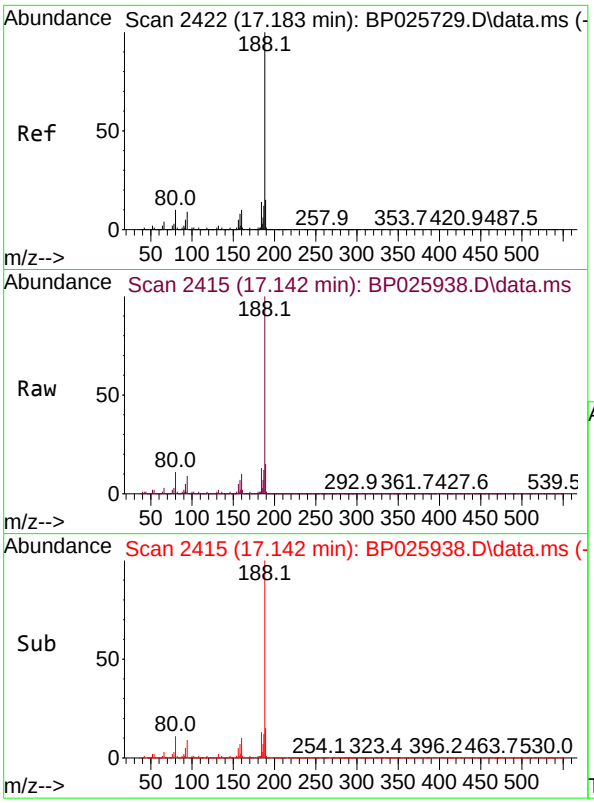


#45
2-Fluorobiphenyl
Concen: 6.234 ng
RT: 12.972 min Scan# 1706
Delta R.T. -0.018 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Tgt Ion:172 Resp: 165496

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	24.9	18.6	27.8



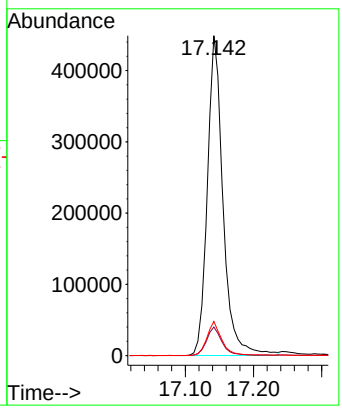


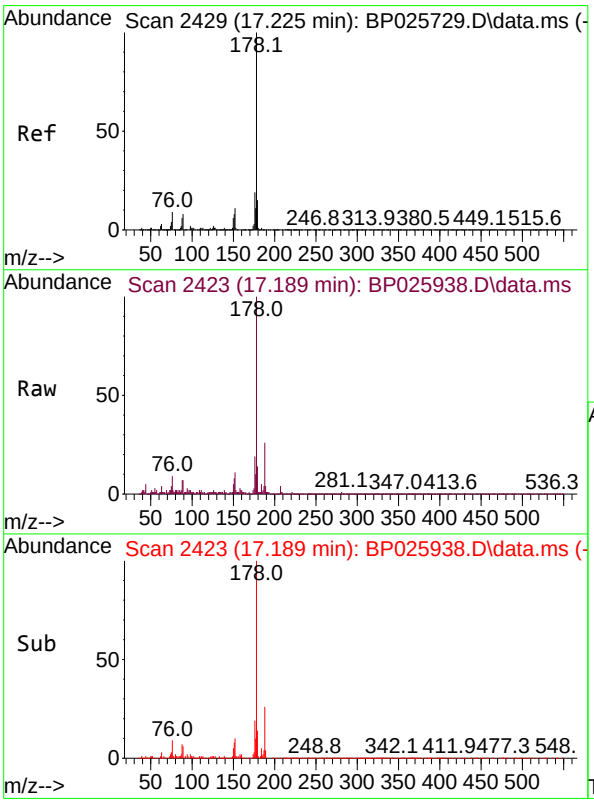
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 24
Delta R.T. -0.042 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Tgt Ion:188 Resp: 714617

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.0
80	10.7	7.7	11.5

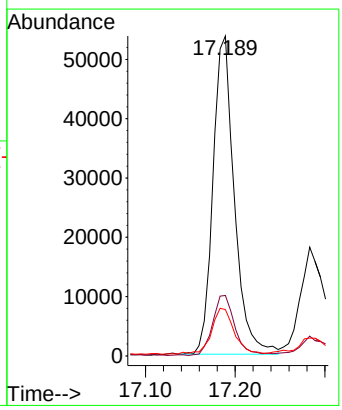


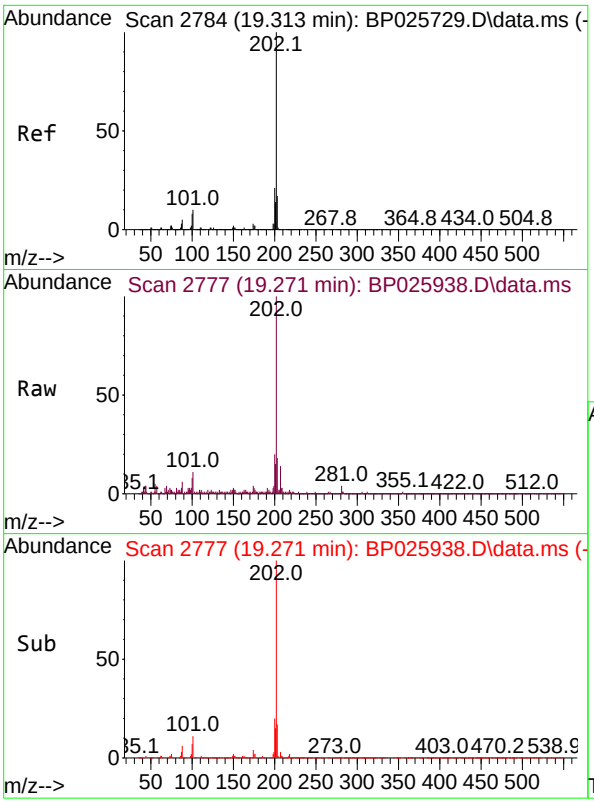


#71
Phenanthrene
Concen: 2.198 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.036 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Tgt Ion:178 Resp: 89099

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.5	12.2	18.4



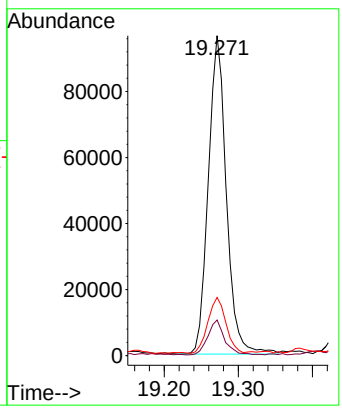


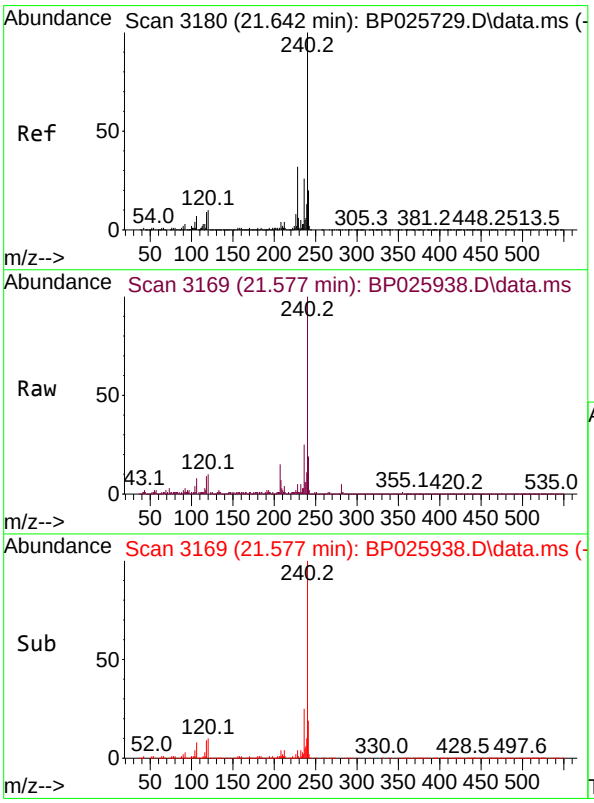
#75
Fluoranthene
Concen: 3.354 ng
RT: 19.271 min Scan# 2
Delta R.T. -0.042 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Tgt Ion:202 Resp: 163044

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.4
203	18.2	0.0	37.4

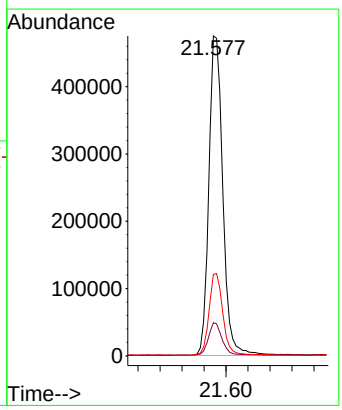


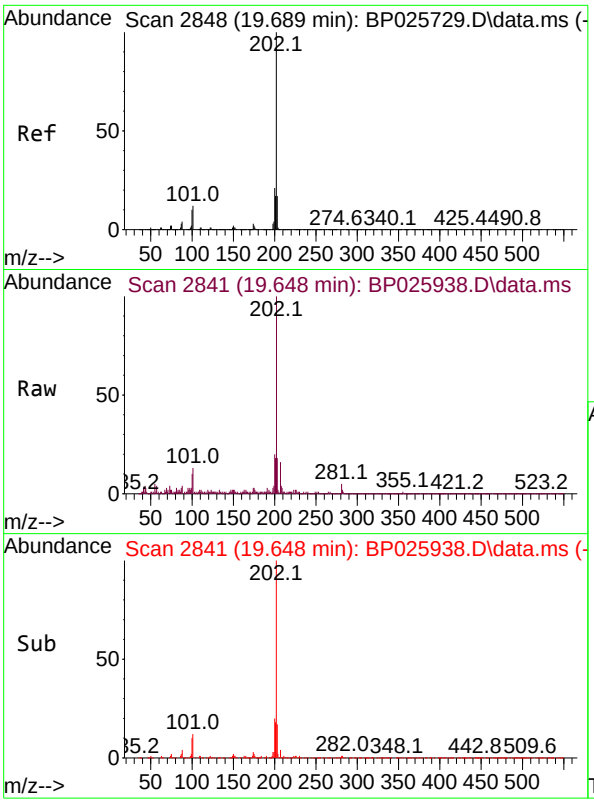


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.065 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Tgt Ion:240 Resp: 837934

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.0	12.0
236	25.5	20.7	31.1



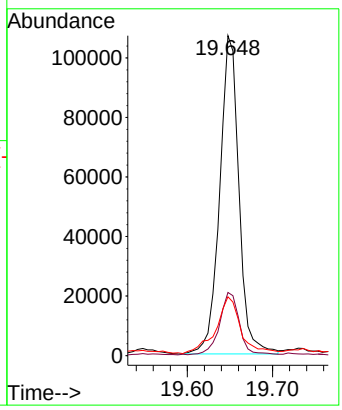


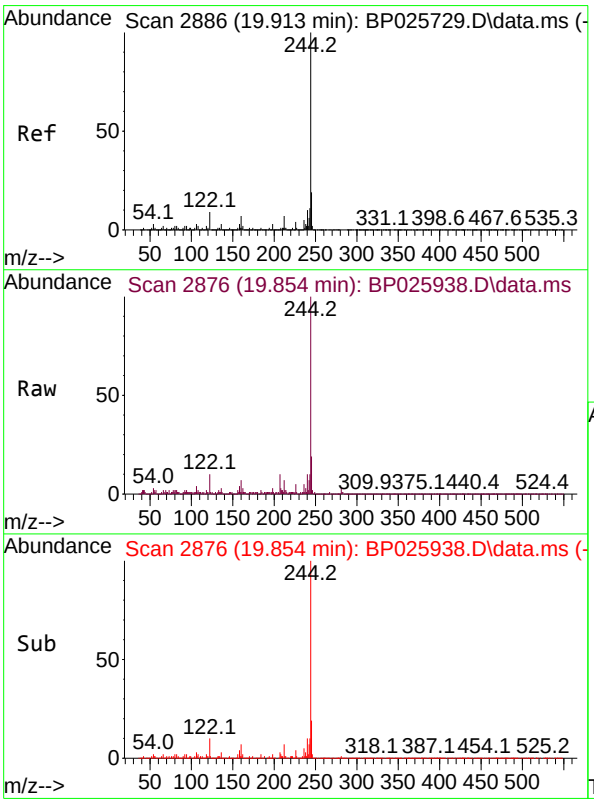
#78
Pyrene
Concen: 3.007 ng
RT: 19.648 min Scan# 28
Delta R.T. -0.042 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Tgt Ion:202 Resp: 168125

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.0	25.6
203	18.4	13.9	20.9

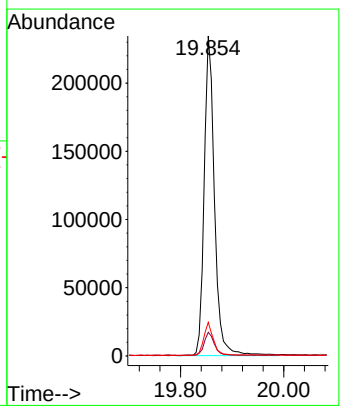


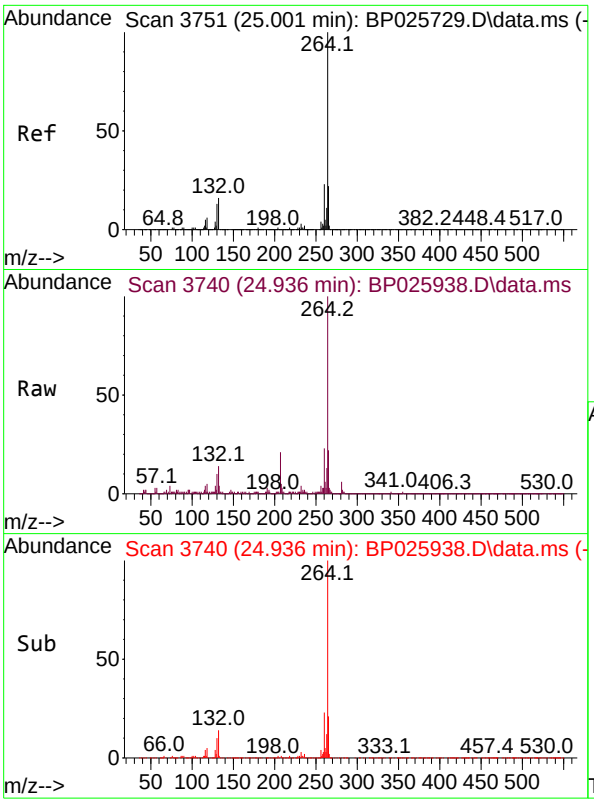


#79
Terphenyl-d14
Concen: 6.976 ng
RT: 19.854 min Scan# 2876
Delta R.T. -0.059 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Tgt Ion:244 Resp: 324934

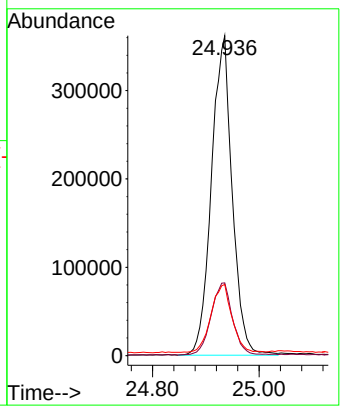
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.5	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.936 min Scan# 3
Delta R.T. -0.065 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Tgt Ion:264 Resp: 978267

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	22.2	17.3	25.9