Quantitation Report (Not 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
54) 2,4-Dinitrophenol	14.472	184	21	4.830	ng	# 1
56) 4-Nitrophenol	14.501	139	89	4.498	ng	98
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

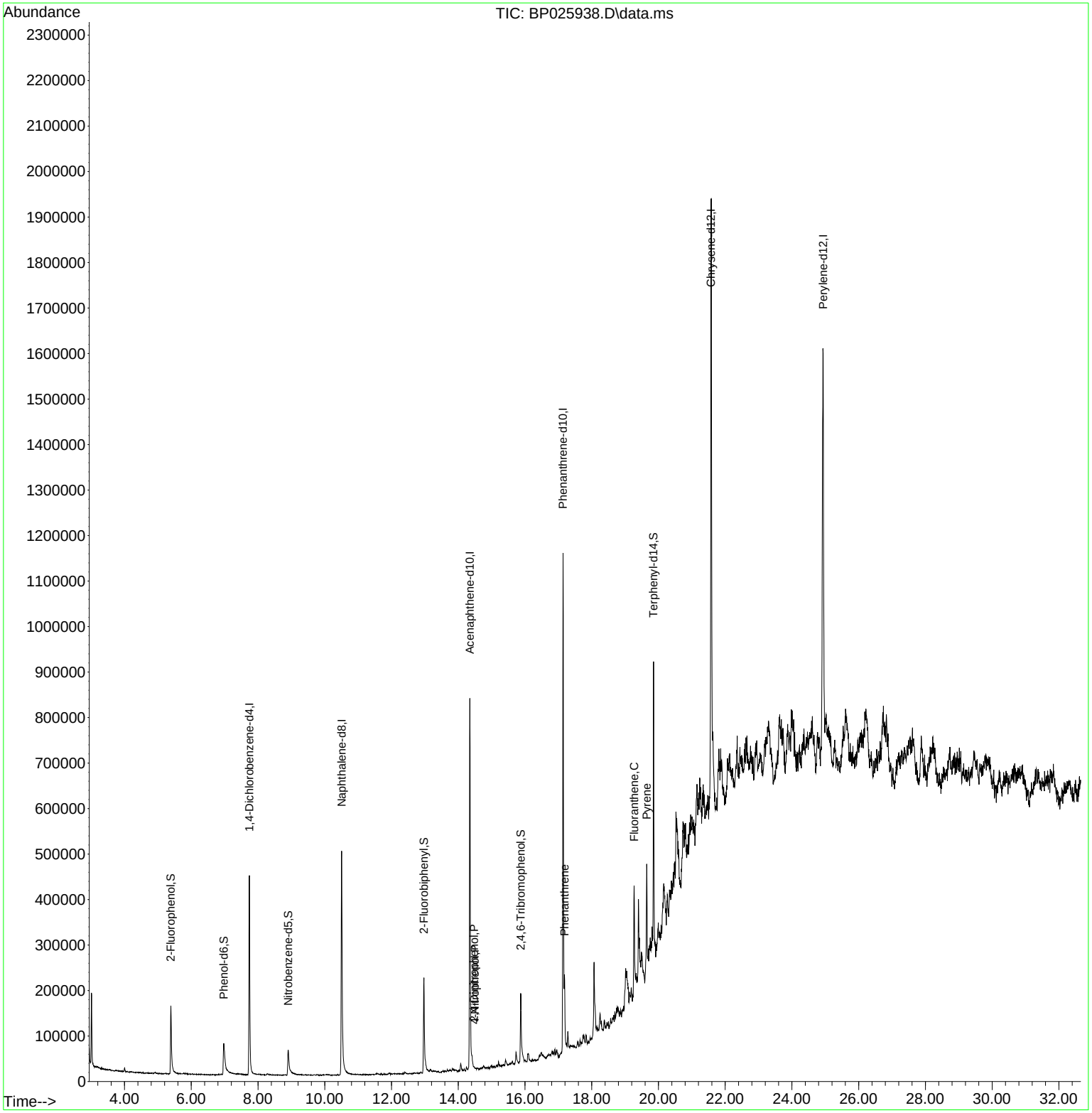
(#) = qualifier out of range (m) = manual integration (+) = signals summed

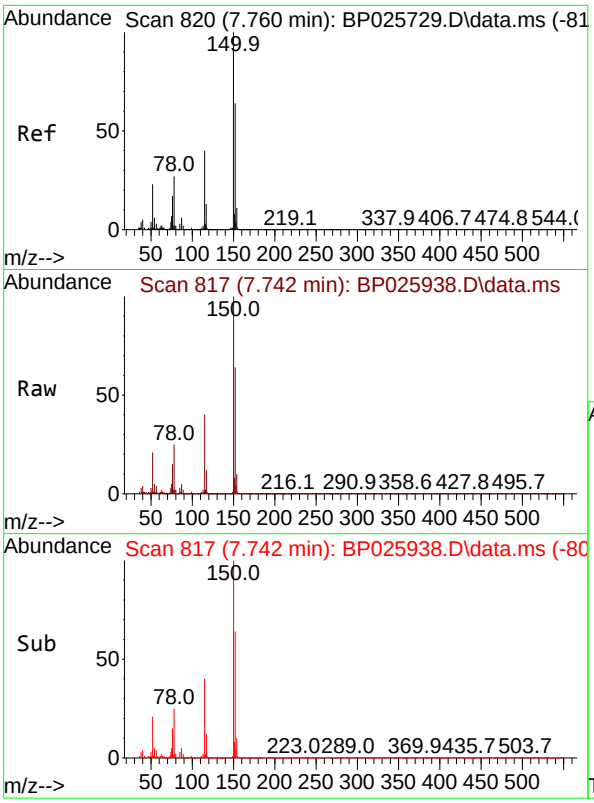
Quantitation Report (Not Reviewed)

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



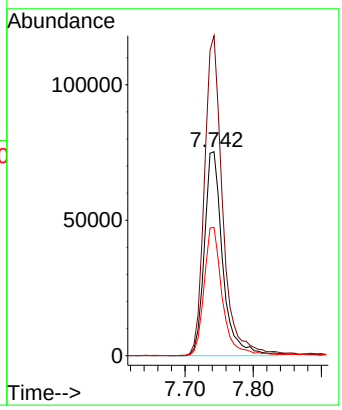


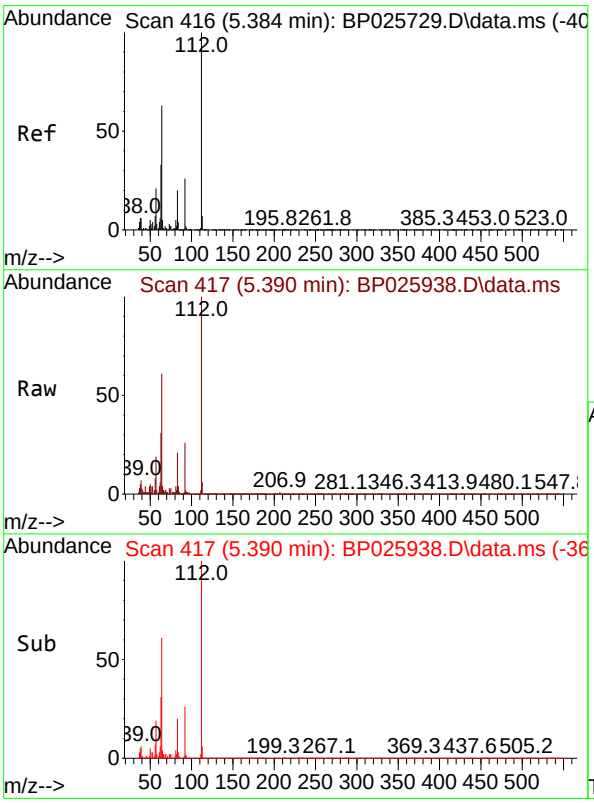
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.742 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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

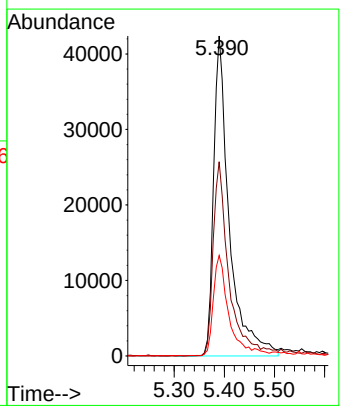


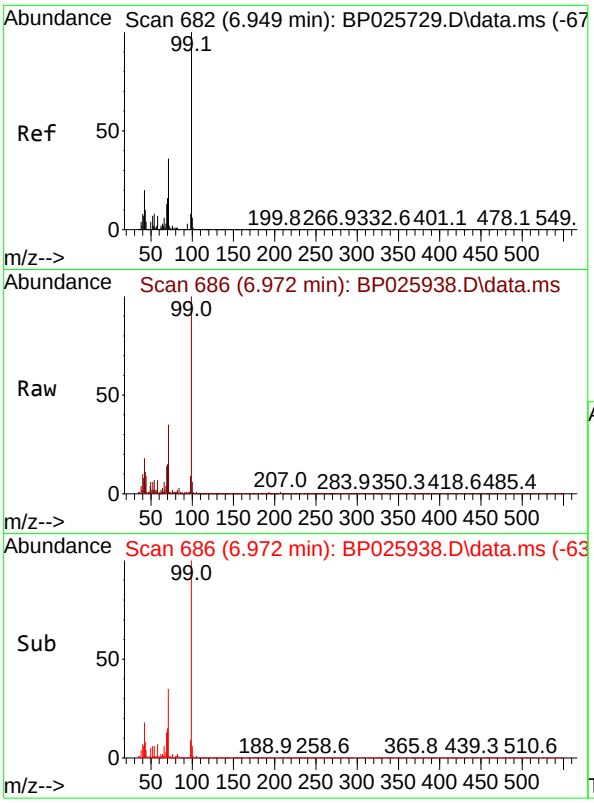


#5
2-Fluorophenol
Concen: 10.510 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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



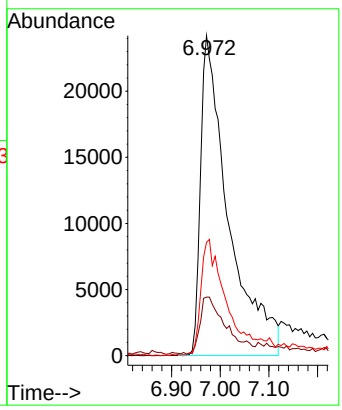


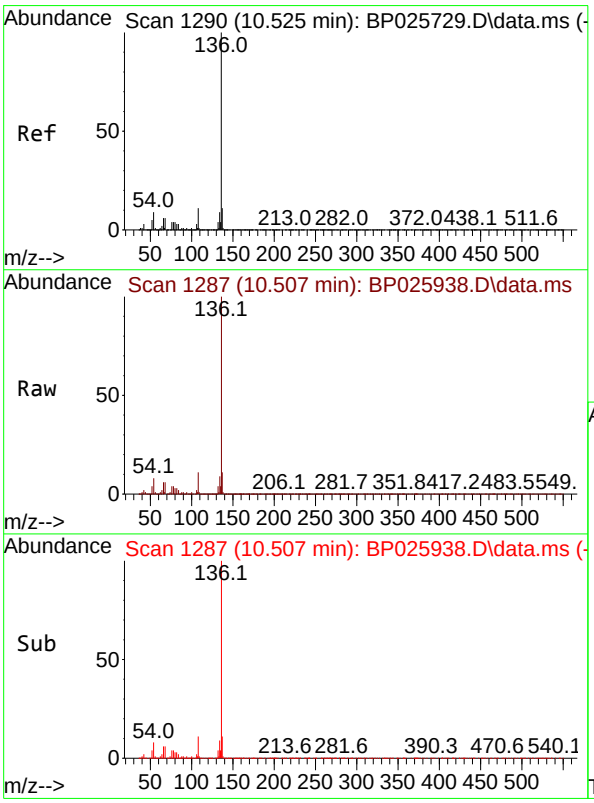
#7
Phenol-d6
Concen: 8.293 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.023 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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

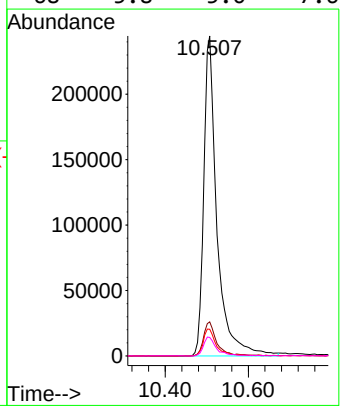


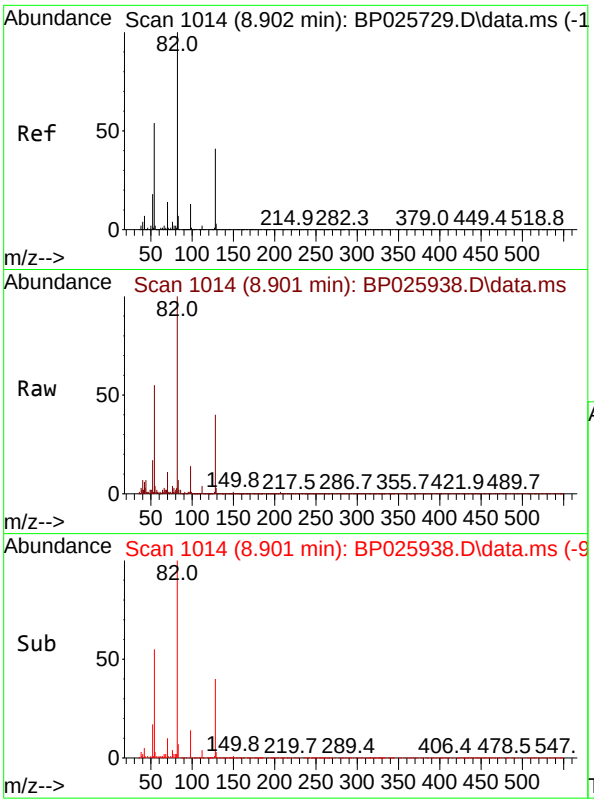


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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



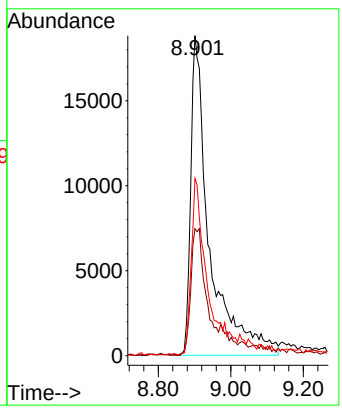


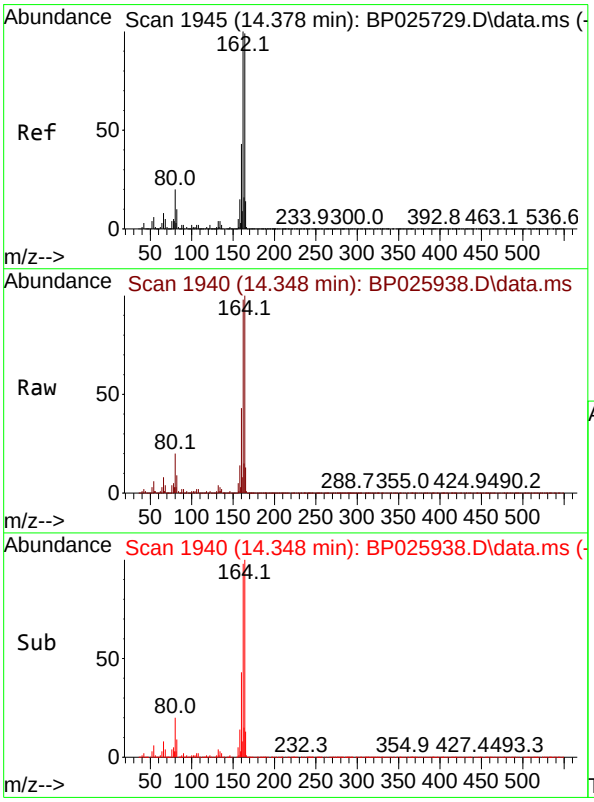
#23
Nitrobenzene-d5
Concen: 5.533 ng
RT: 8.901 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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

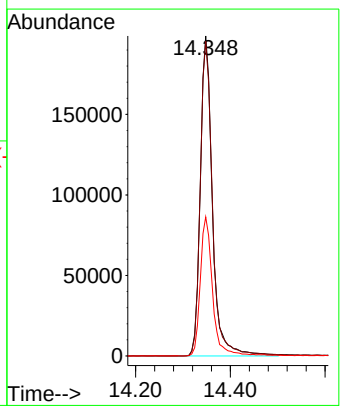


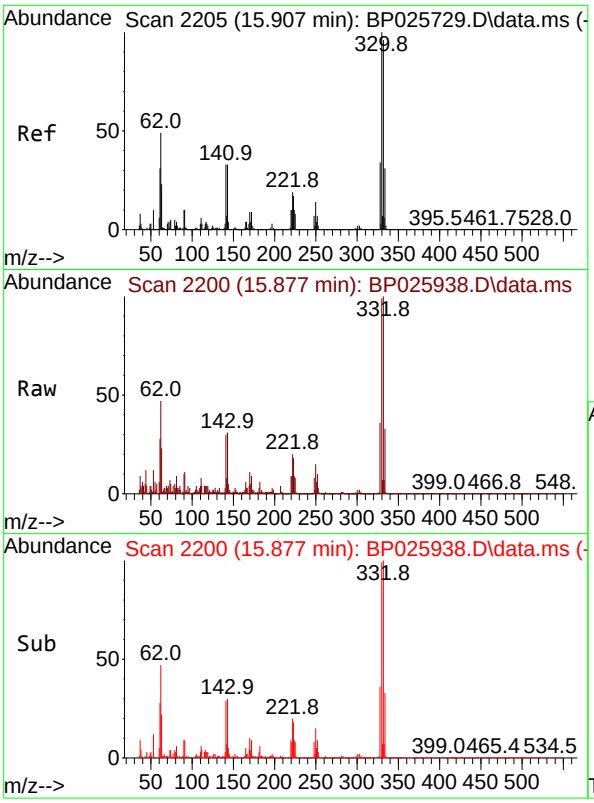


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.030 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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



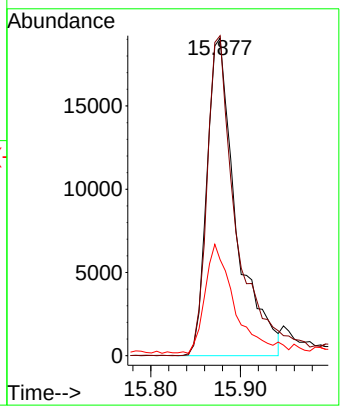


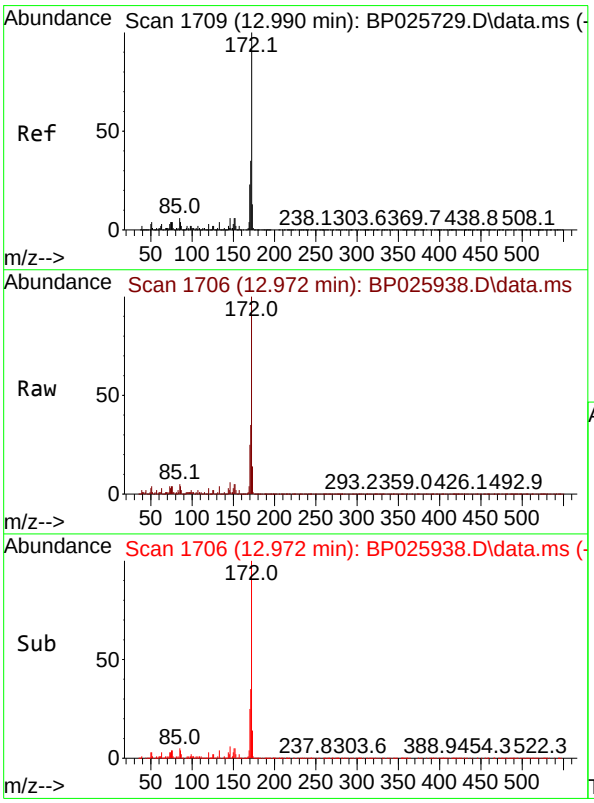
#42
2,4,6-Tribromophenol
Concen: 9.773 ng
RT: 15.877 min Scan# 2
Delta R.T. -0.030 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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

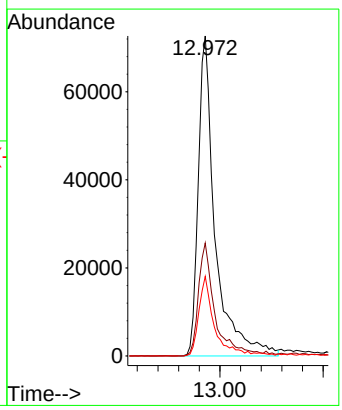


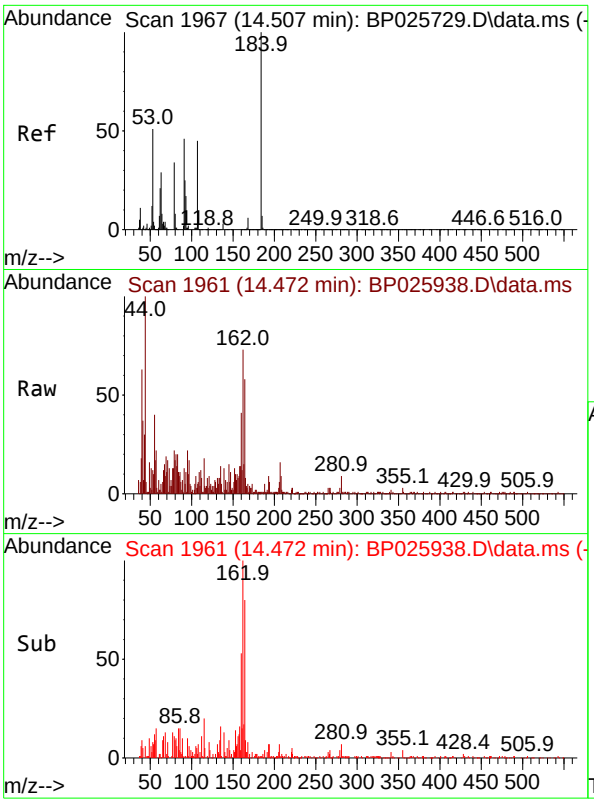


#45
2-Fluorobiphenyl
Concen: 6.234 ng
RT: 12.972 min Scan# 1706
Delta R.T. -0.018 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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



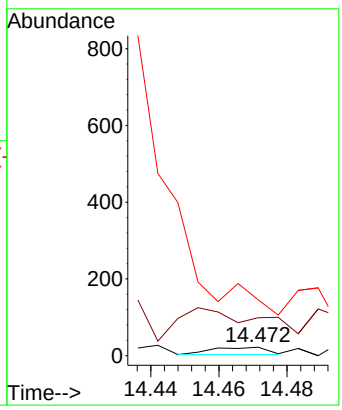


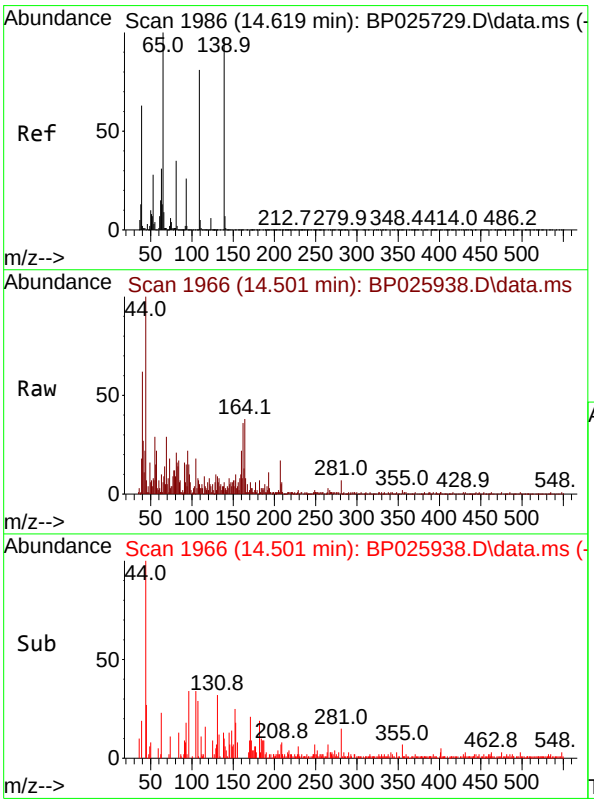
#54
2,4-Dinitrophenol
Concen: 4.830 ng
RT: 14.472 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Tgt Ion:184 Resp: 21

Ion	Ratio	Lower	Upper
184	100		
63	450.0	52.5	78.7#
154	663.6	51.5	77.3#

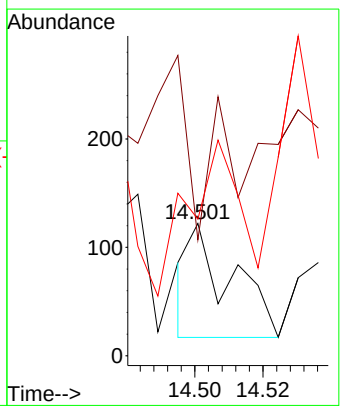


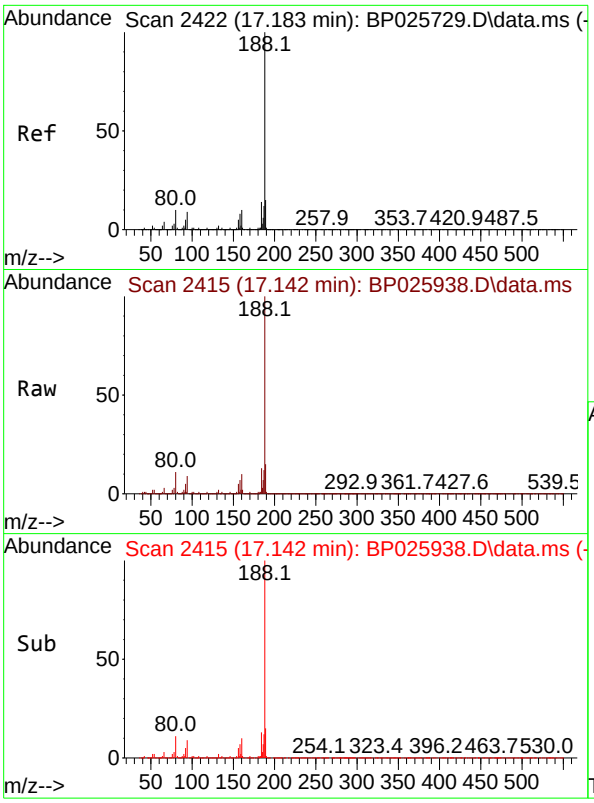


#56
4-Nitrophenol
Concen: 4.498 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.118 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Tgt Ion:139 Resp: 89

Ion	Ratio	Lower	Upper
139	100		
109	87.7	62.9	102.9
65	103.3	83.4	123.4



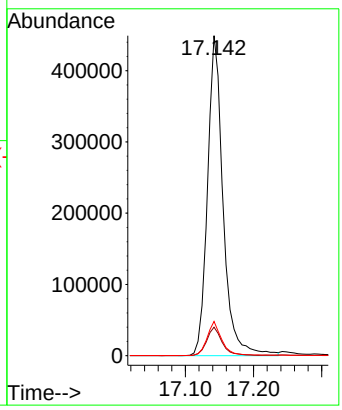


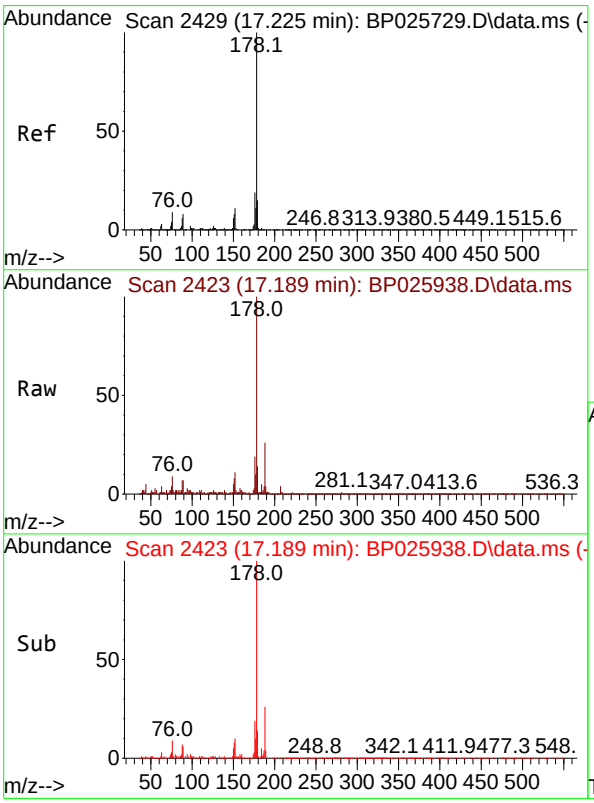
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 24
Delta R.T. -0.042 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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

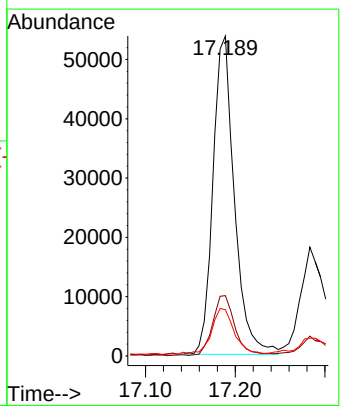


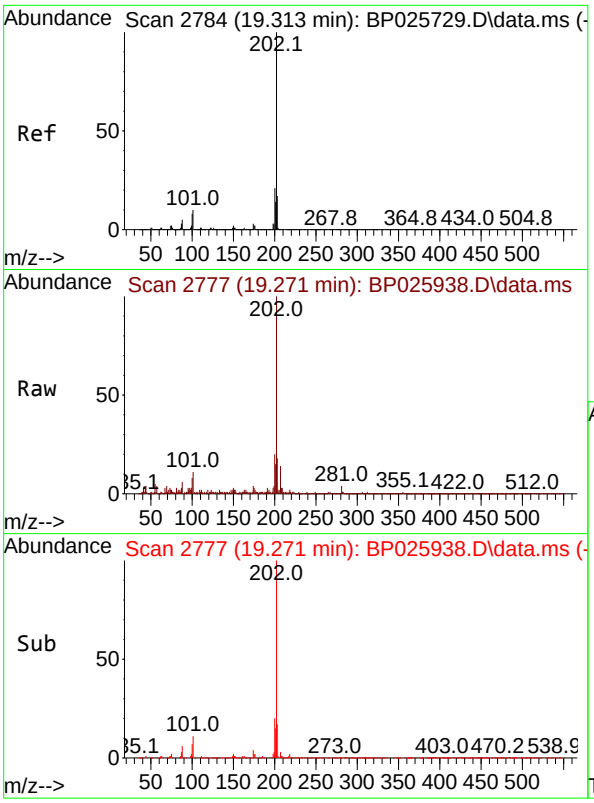


#71
Phenanthrene
Concen: 2.198 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.036 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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



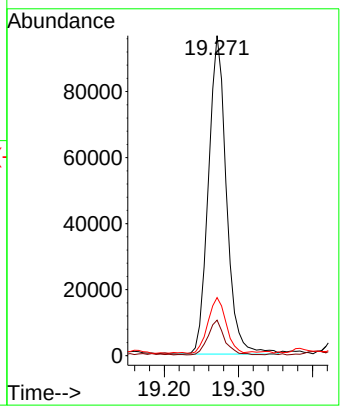


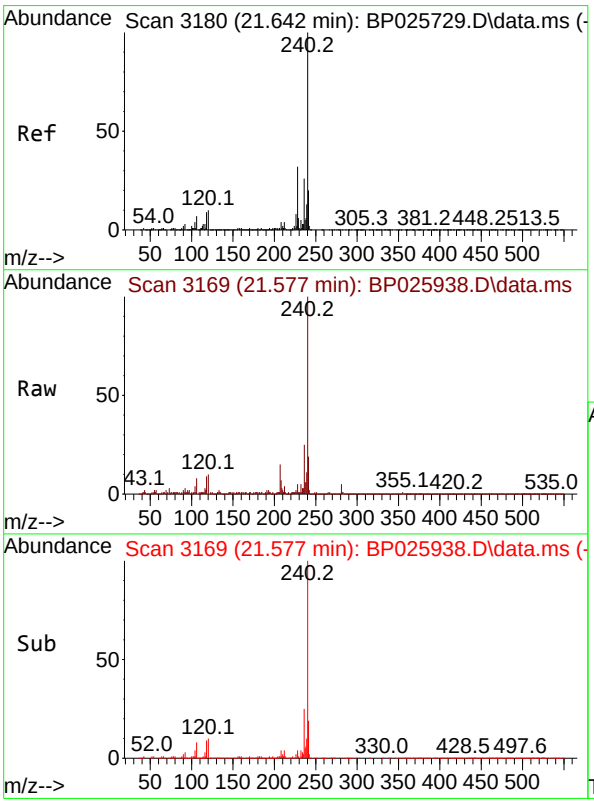
#75
Fluoranthene
Concen: 3.354 ng
RT: 19.271 min Scan# 2
Delta R.T. -0.042 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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

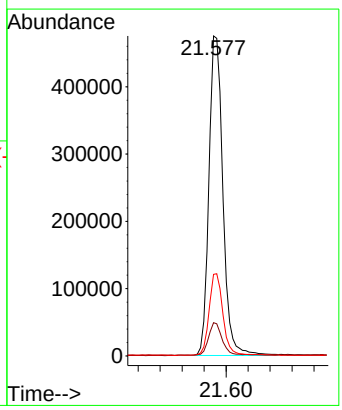


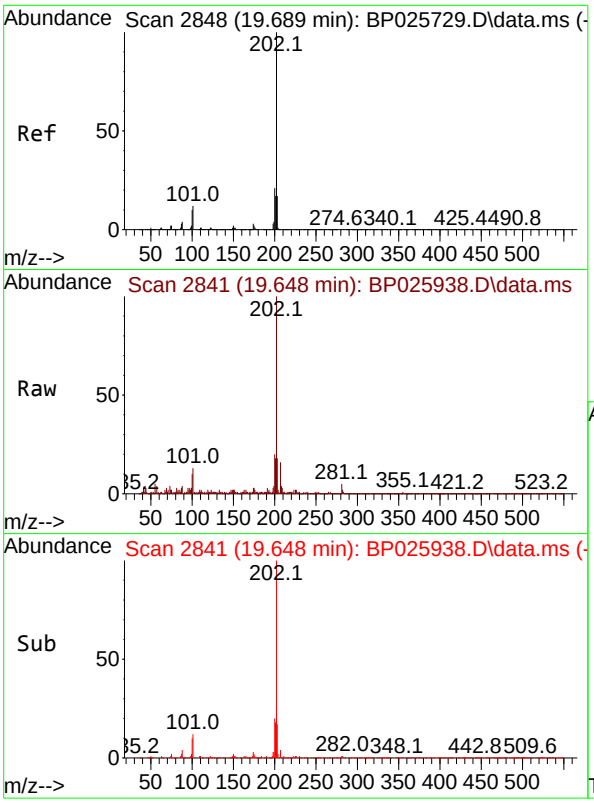


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.065 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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



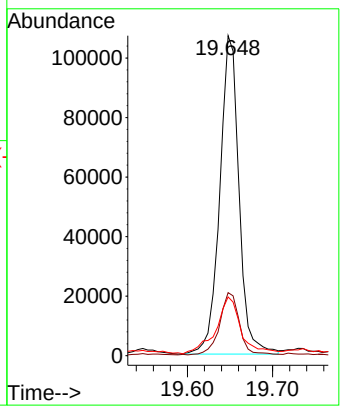


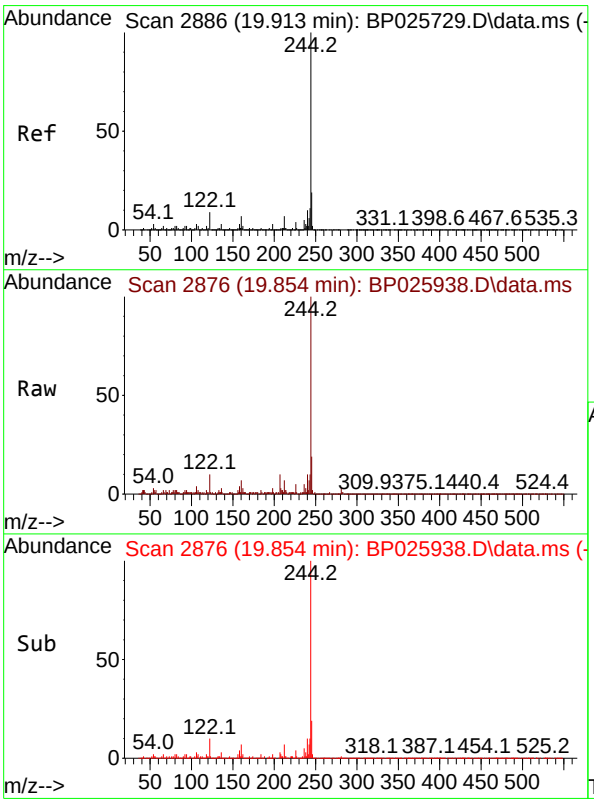
#78
Pyrene
Concen: 3.007 ng
RT: 19.648 min Scan# 2
Delta R.T. -0.042 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

Instrument :
BNA_P
ClientSampleId :
CL-02-100325

Tgt Ion:202 Resp: 168125

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

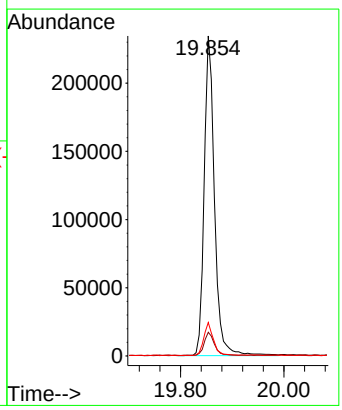


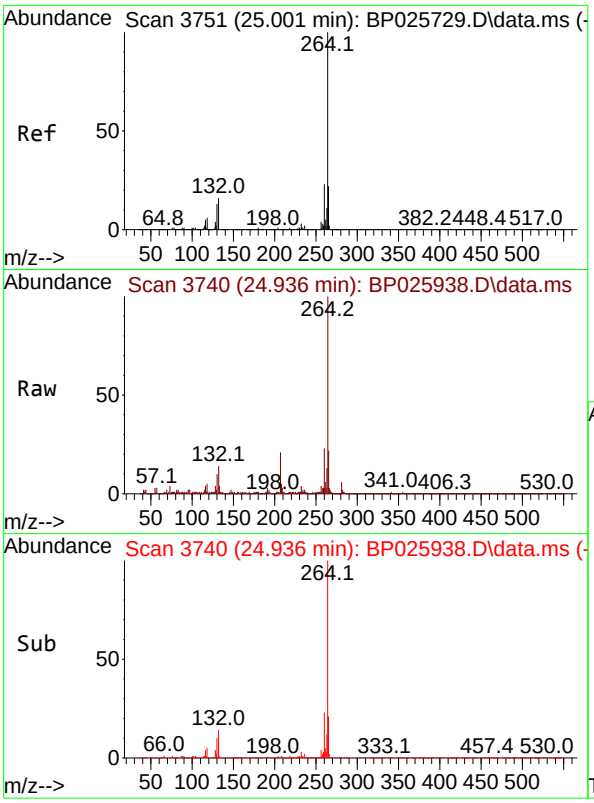


#79
Terphenyl-d14
Concen: 6.976 ng
RT: 19.854 min Scan# 2876
Delta R.T. -0.059 min
Lab File: BP025938.D
Acq: 07 Oct 2025 01:13

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