Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
Data File : BP025843.D
Acq On : 24 Sep 2025 13:18
Operator : CG/JU
Sample : Q3159-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Quant Time: Sep 24 13:41:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.713	152	142686	20.000	ng	-0.05
21) Naphthalene-d8	10.496	136	542780	20.000	ng	-0.03
39) Acenaphthene-d10	14.366	164	387337	20.000	ng	-0.01
64) Phenanthrene-d10	17.178	188	869492	20.000	ng	0.00
76) Chrysene-d12	21.636	240	950182	20.000	ng	0.00
86) Perylene-d12	25.018	264	1034347	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.349	112	790578	89.402	ng	-0.04
7) Phenol-d6	6.919	99	1023977	87.118	ng	-0.03
23) Nitrobenzene-d5	8.866	82	607991	49.411	ng	-0.04
42) 2,4,6-Tribromophenol	15.895	330	461437	95.511	ng	-0.01
45) 2-Fluorobiphenyl	12.960	172	1350805	46.435	ng	-0.03
79) Terphenyl-d14	19.907	244	2680460	50.749	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.319	202	249279	4.214	ng	99
78) Pyrene	19.695	202	239204	3.773	ng	99
81) Benzo(a)anthracene	21.613	228	147091	2.261	ng	96
83) Chrysene	21.677	228	158285	2.553	ng	99
88) Benzo(b)fluoranthene	23.936	252	184154	2.911	ng	98

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

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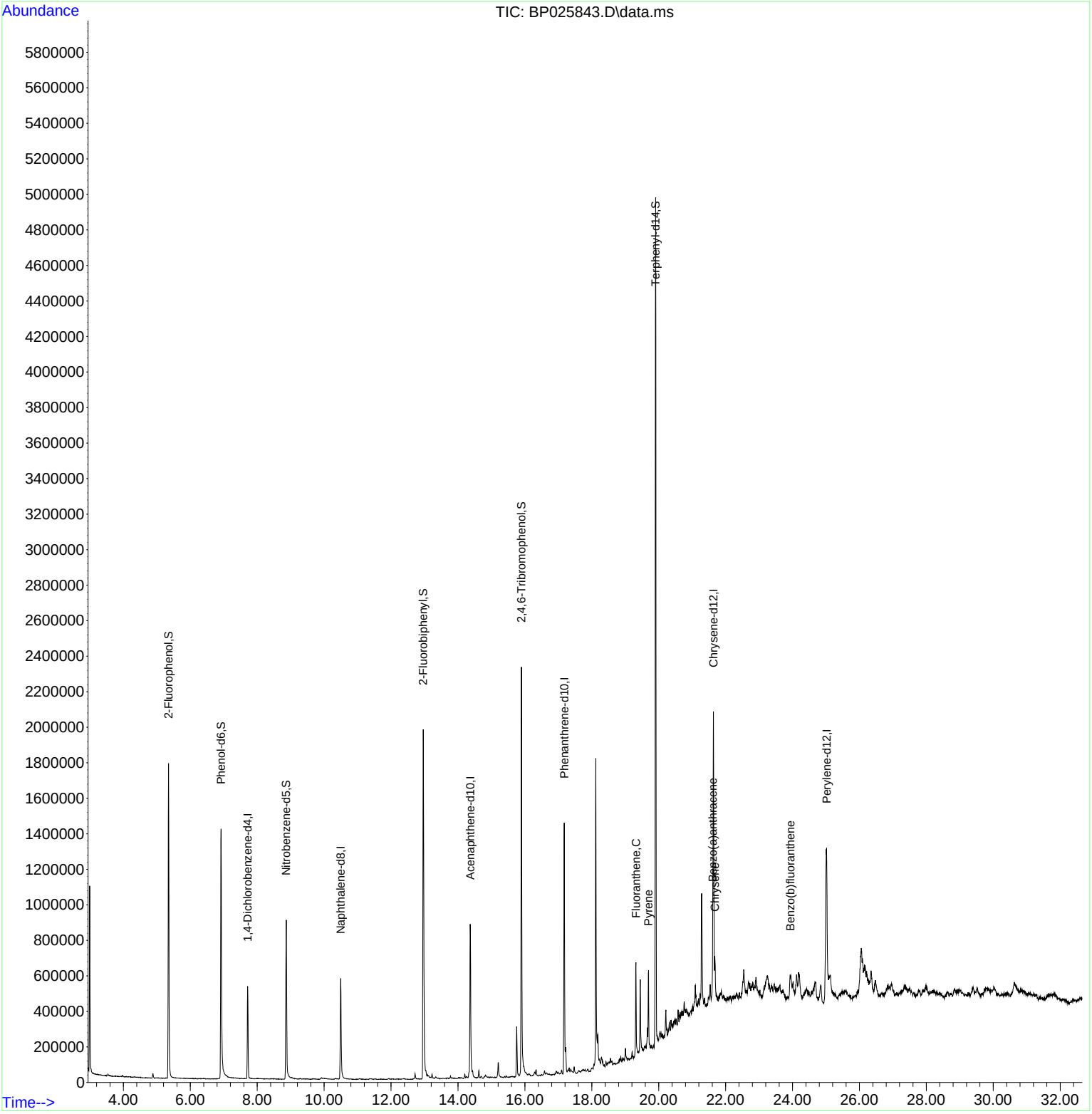
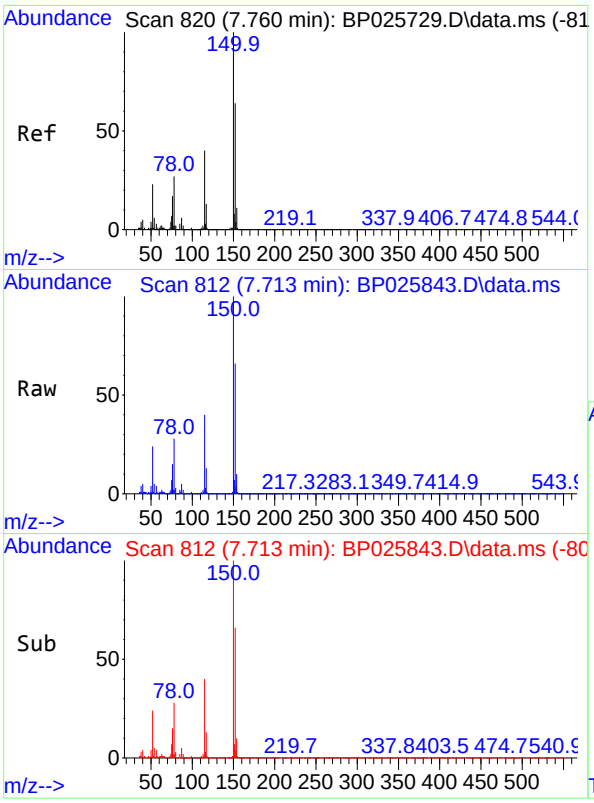


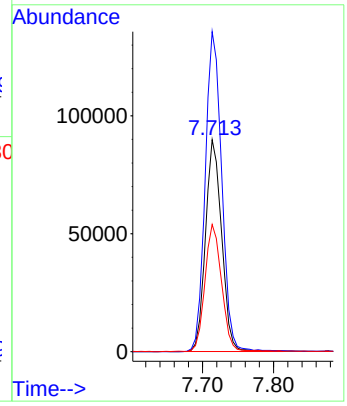


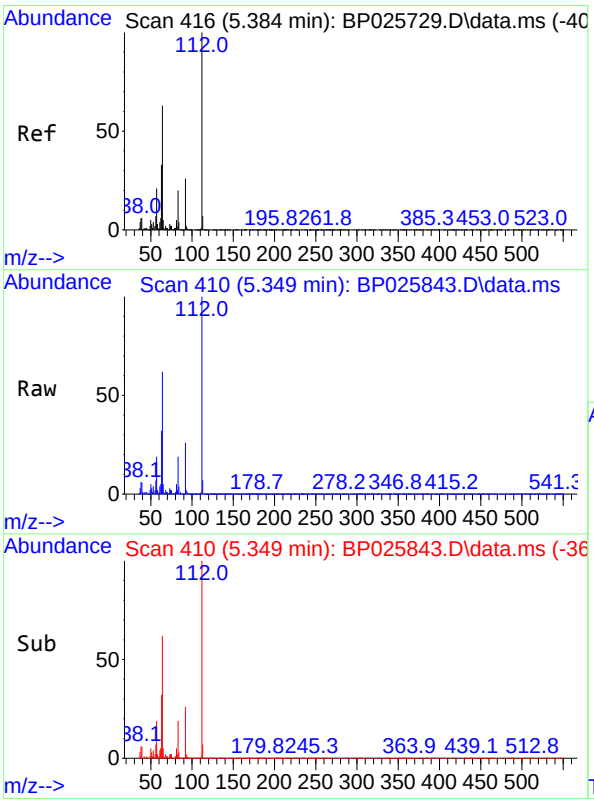
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.047 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Tgt Ion:152 Resp: 142686

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.3	186.5
115	60.0	50.3	75.5

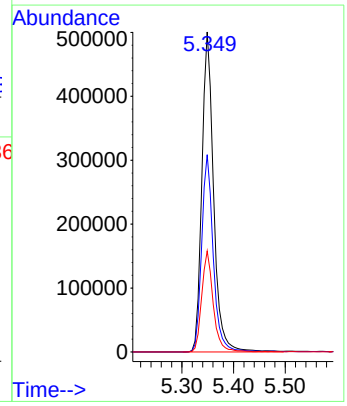


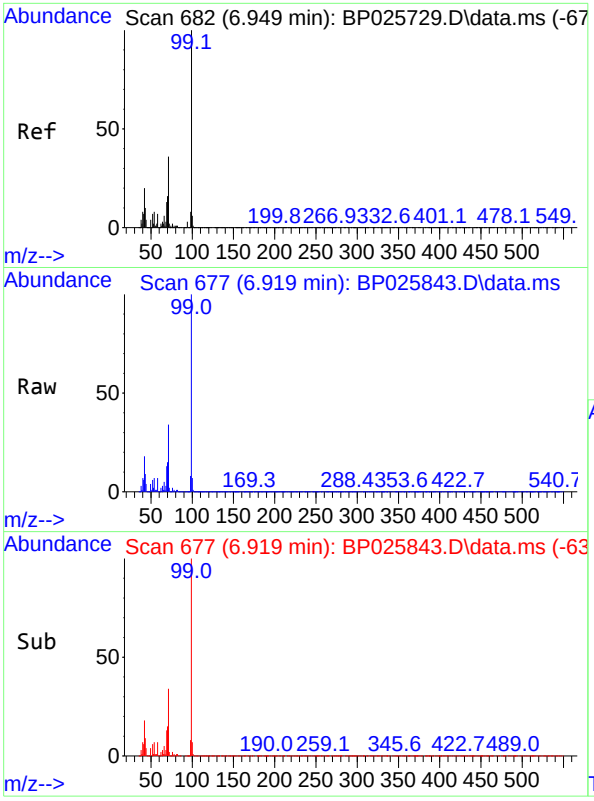


#5
2-Fluorophenol
Concen: 89.402 ng
RT: 5.349 min Scan# 410
Delta R.T. -0.035 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Tgt Ion:112 Resp: 790578

Ion	Ratio	Lower	Upper
112	100		
64	61.7	50.2	75.4
63	31.6	26.7	40.1



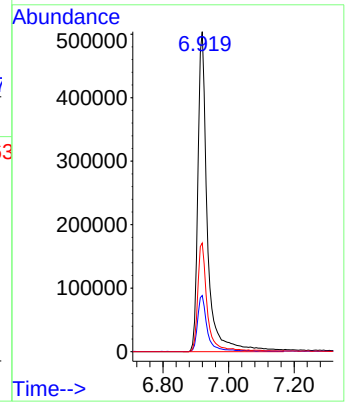


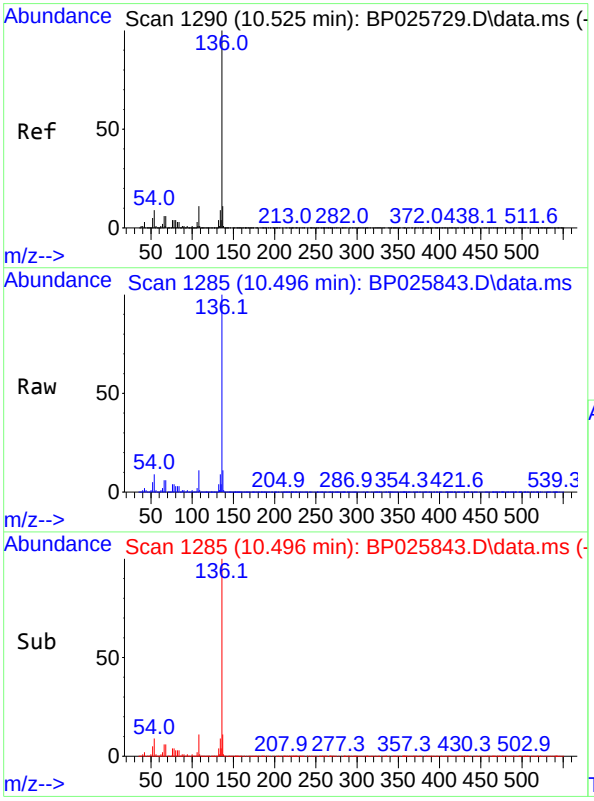
#7
Phenol-d6
Concen: 87.118 ng
RT: 6.919 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Tgt Ion: 99 Resp: 1023977

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.6	23.4
71	33.9	28.6	43.0

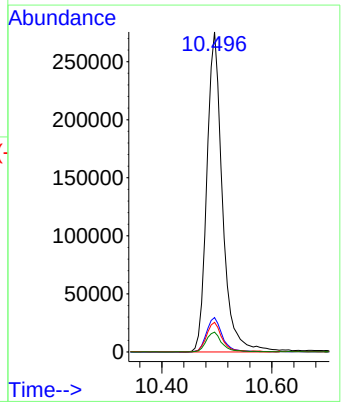


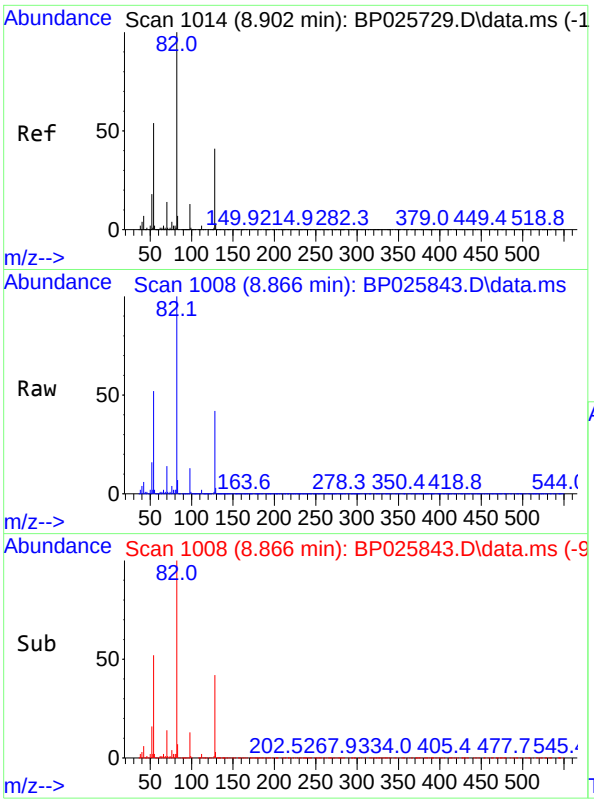


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.496 min Scan# 1285
Delta R.T. -0.029 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Tgt Ion:136 Resp: 542780

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.3	7.5	11.3
68	6.2	5.0	7.6



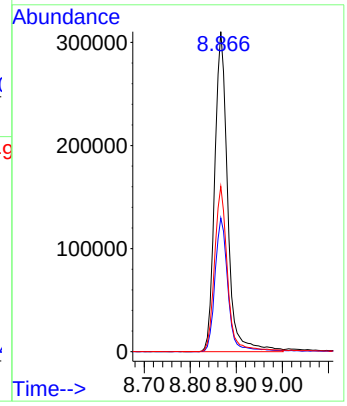


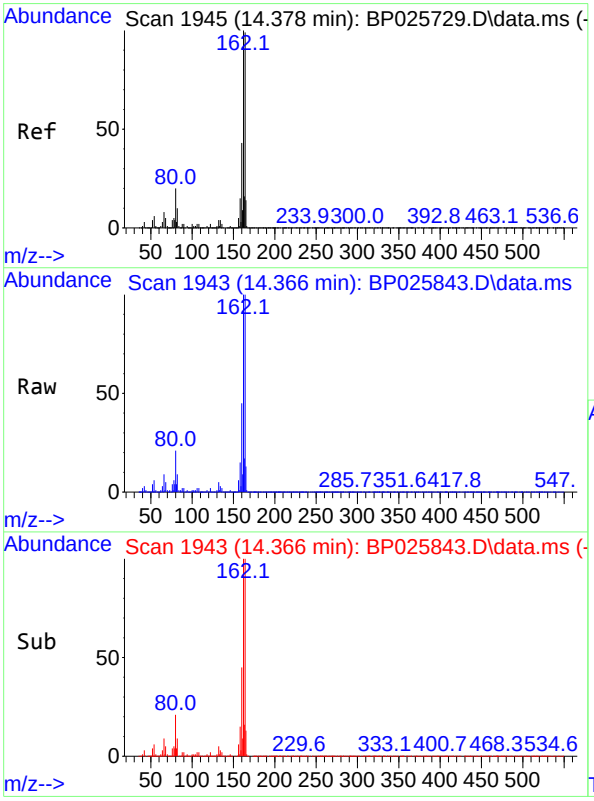
#23
Nitrobenzene-d5
Concen: 49.411 ng
RT: 8.866 min Scan# 1(
Delta R.T. -0.035 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Tgt Ion: 82 Resp: 607991

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.9	49.3
54	51.7	43.4	65.2

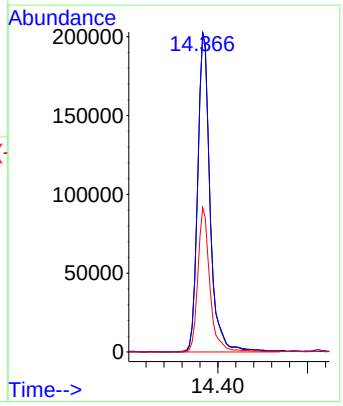


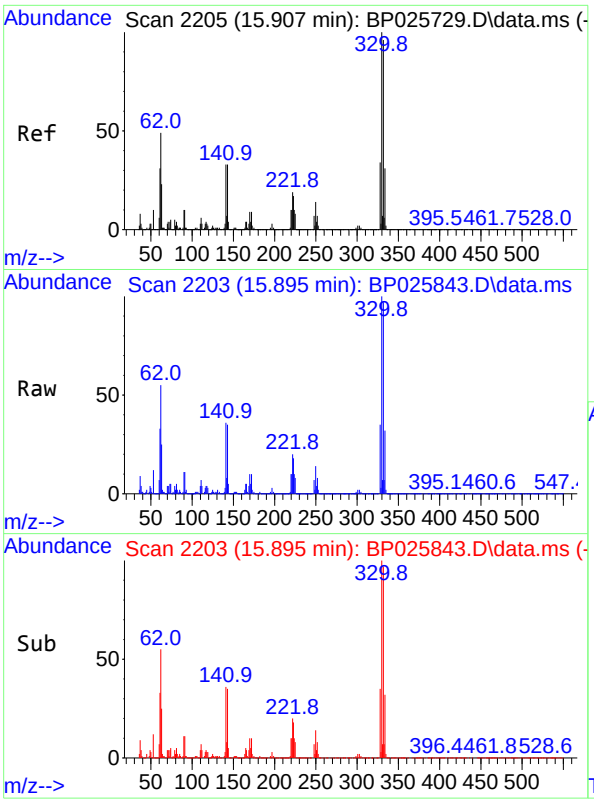


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.366 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Tgt Ion:164 Resp: 387337

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	120.8
160	45.3	35.0	52.6



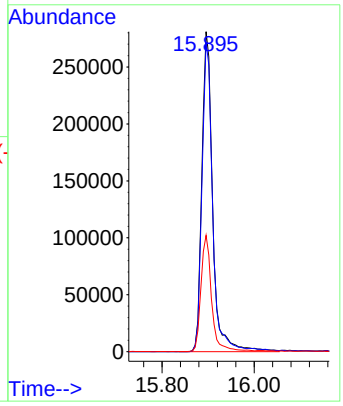


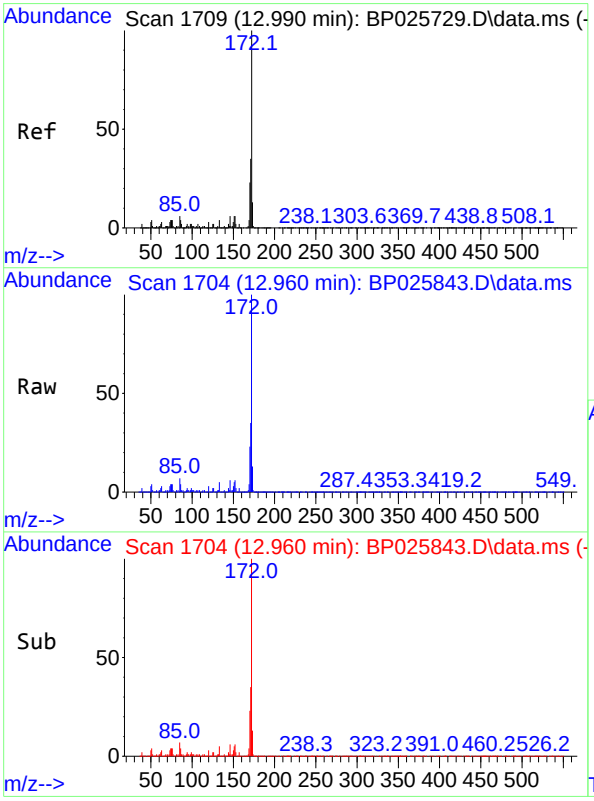
#42
2,4,6-Tribromophenol
Concen: 95.511 ng
RT: 15.895 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Tgt Ion:330 Resp: 461437

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	35.8	31.0	46.4

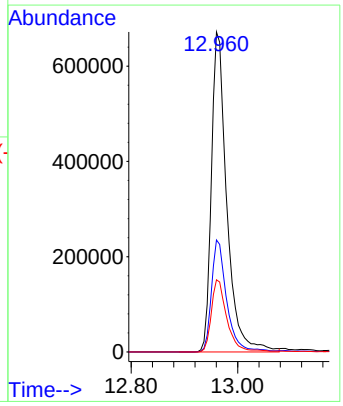


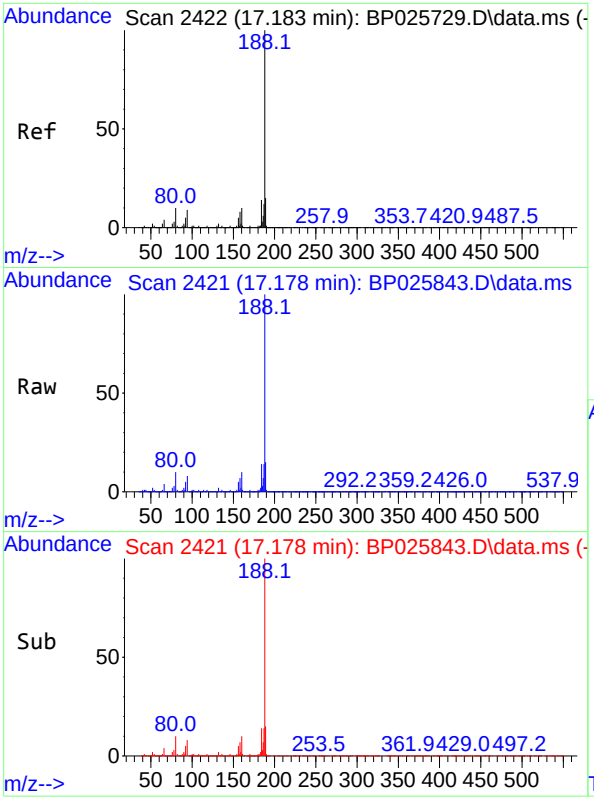


#45
2-Fluorobiphenyl
Concen: 46.435 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.029 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Tgt Ion:172 Resp: 1350805

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	22.6	18.6	27.8



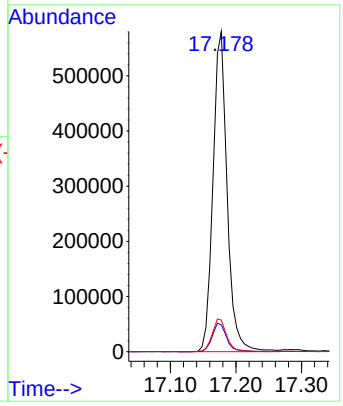


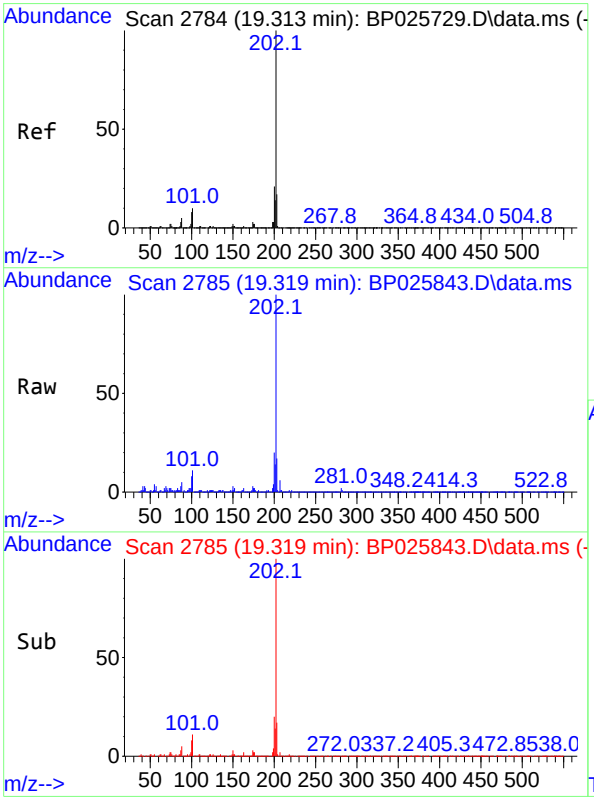
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Tgt Ion:188 Resp: 869492

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.0
80	9.9	7.7	11.5

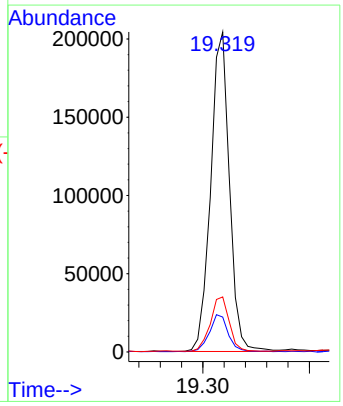


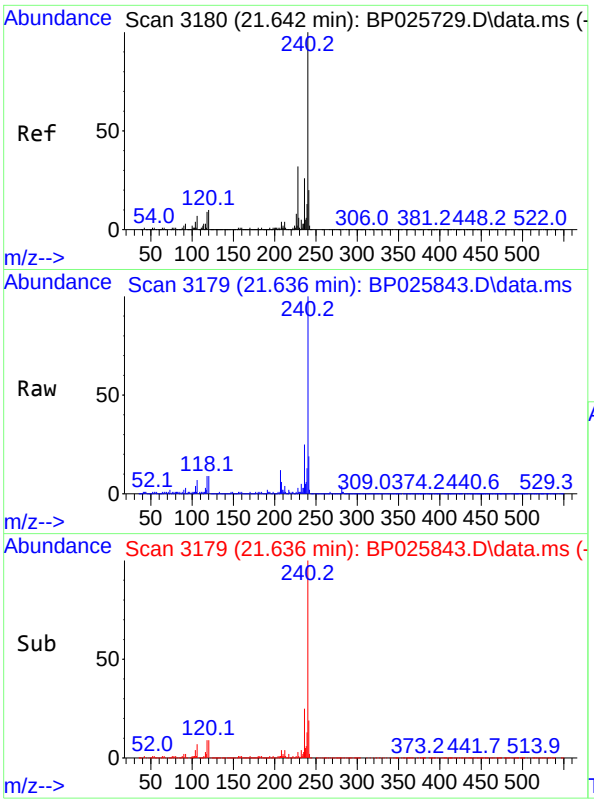


#75
Fluoranthene
Concen: 4.214 ng
RT: 19.319 min Scan# 2785
Delta R.T. 0.006 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Tgt Ion:202 Resp: 249279

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.4
203	17.2	0.0	37.4



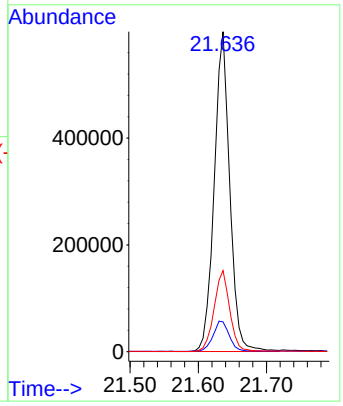


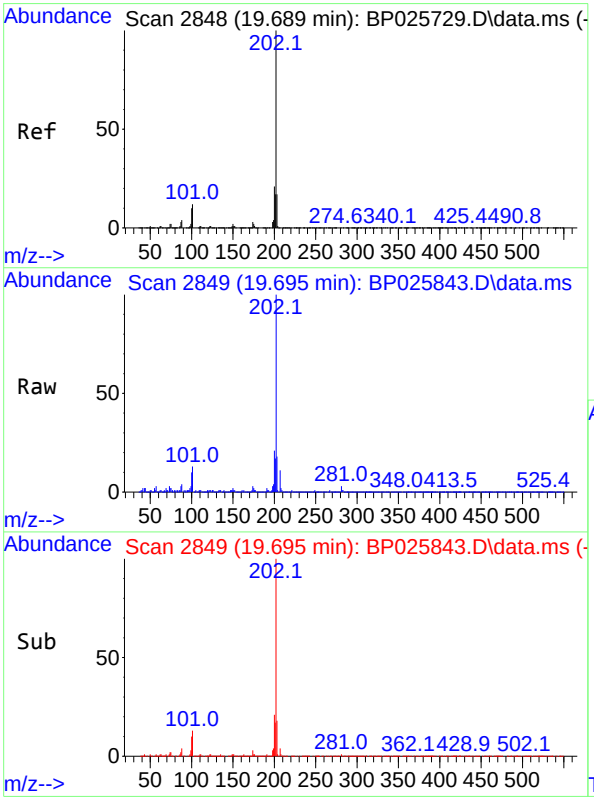
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Tgt Ion:240 Resp: 950182

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.0	12.0
236	25.4	20.7	31.1

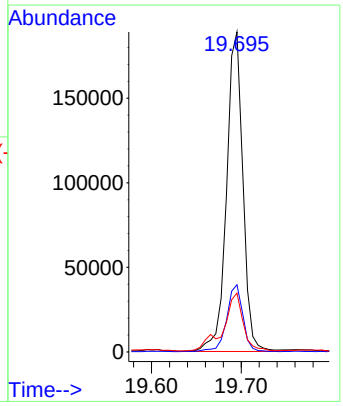


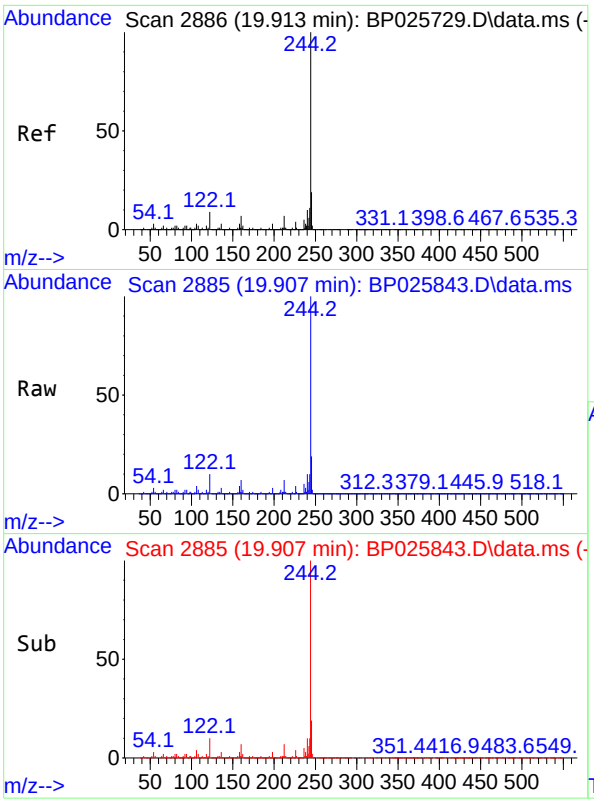


#78
Pyrene
Concen: 3.773 ng
RT: 19.695 min Scan# 2849
Delta R.T. 0.006 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Tgt Ion:202 Resp: 239204

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	18.4	13.9	20.9



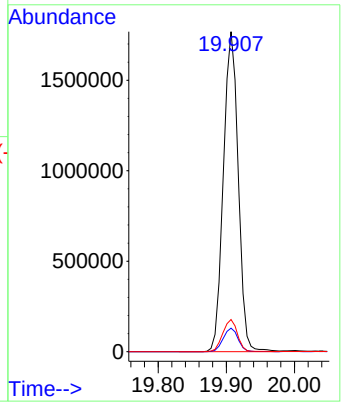


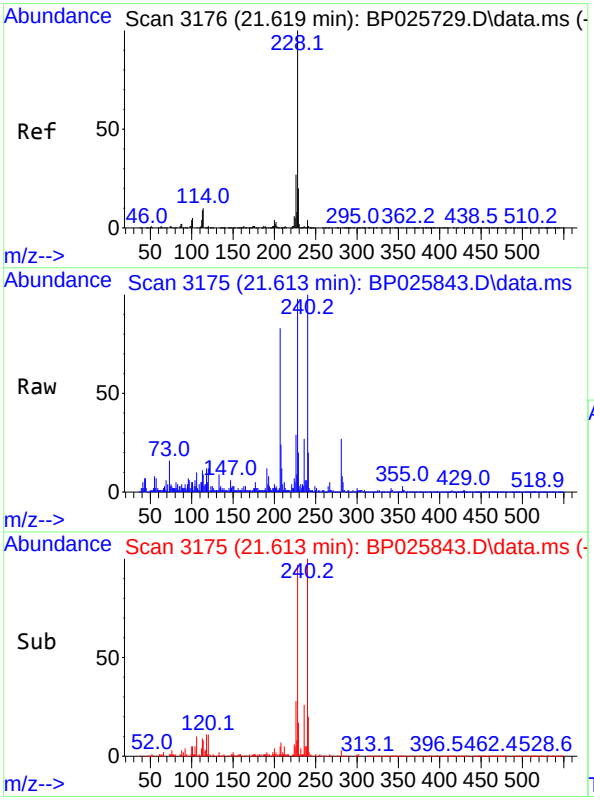
#79
Terphenyl-d14
Concen: 50.749 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Tgt Ion:244 Resp: 2680460

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.0	7.1	10.7

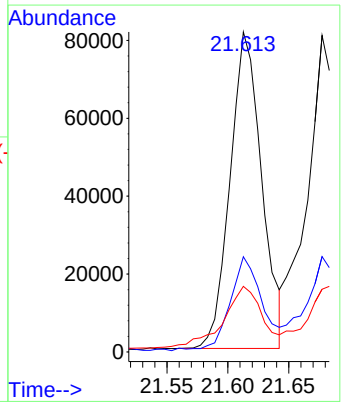


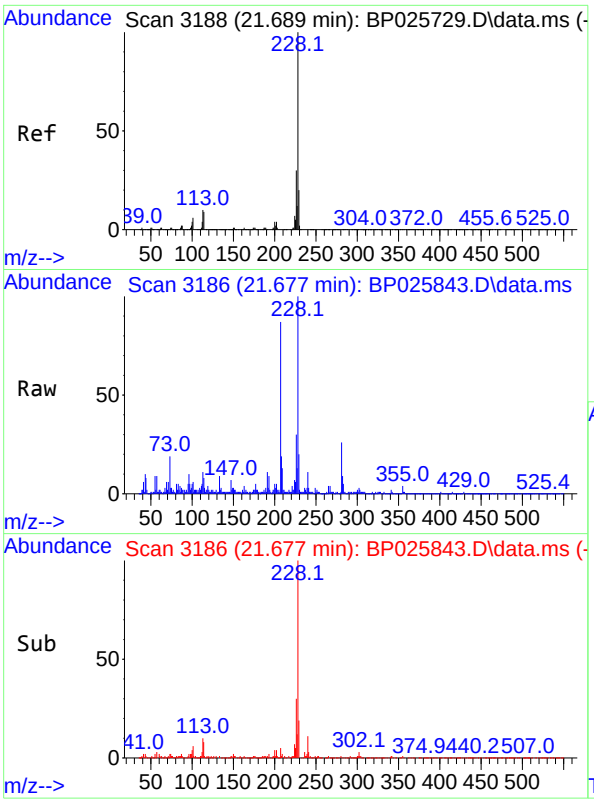


#81
Benzo(a)anthracene
Concen: 2.261 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Tgt Ion:228 Resp: 147091

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.6	32.4
229	20.5	15.7	23.5



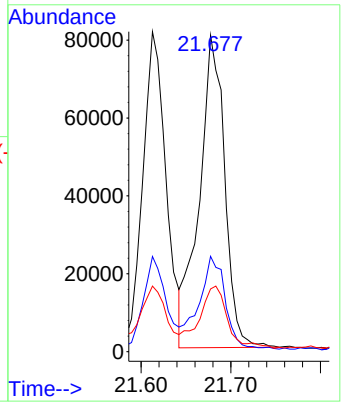


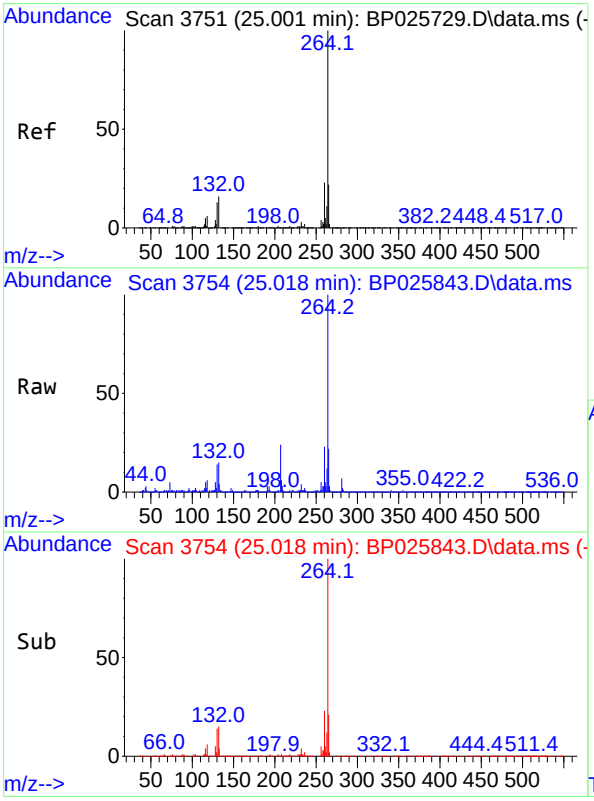
#83
Chrysene
Concen: 2.553 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Tgt Ion:228 Resp: 158285

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	19.8	15.6	23.4

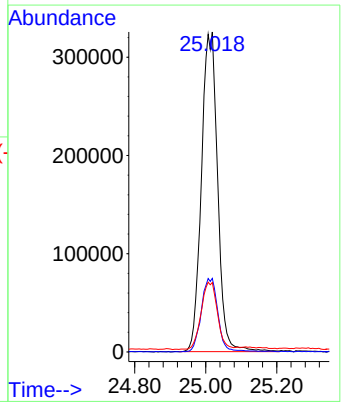


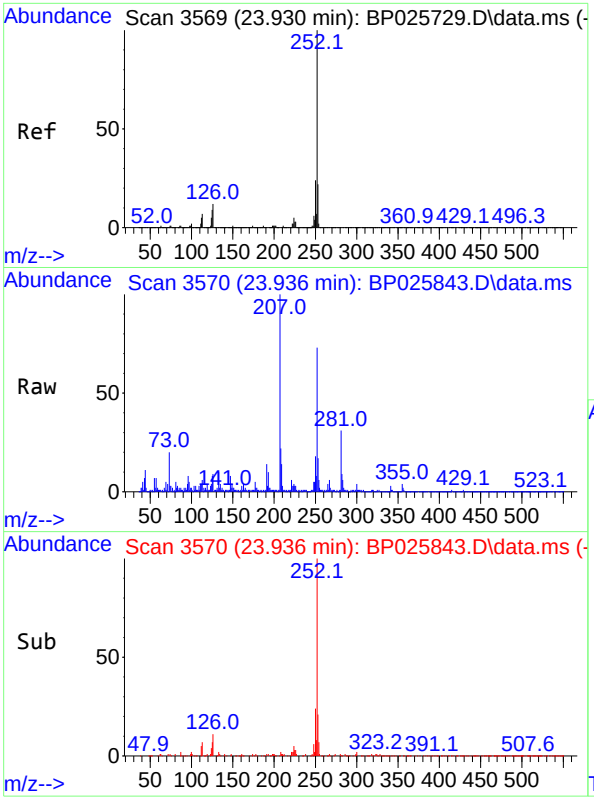


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. 0.018 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Tgt Ion:264 Resp: 1034347

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.7	17.3	25.9





#88
Benzo(b)fluoranthene
Concen: 2.911 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025843.D
Acq: 24 Sep 2025 13:18

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Tgt Ion:252 Resp: 184154

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.7	7.3	10.9