Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025353.D
Acq On : 11 Aug 2025 18:10
Operator : CG/JU
Sample : Q2793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Time: Aug 11 18:51:06 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	7.796	152	284096	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1143002	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	715859	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	1317937	20.000	ng	0.00
76) Chrysene-d12	21.665	240	1131276	20.000	ng	0.00
86) Perylene-d12	25.048	264	1289166	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	1347505	76.287	ng	0.00
7) Phenol-d6	6.972	99	1688570	72.637	ng	0.00
23) Nitrobenzene-d5	8.937	82	1073834	52.049	ng	0.00
42) 2,4,6-Tribromophenol	15.936	330	634282	88.816	ng	0.01
45) 2-Fluorobiphenyl	13.036	172	2611431	50.386	ng	0.00
79) Terphenyl-d14	19.936	244	3156611	52.703	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.266	178	178436	2.472	ng	99
75) Fluoranthene	19.348	202	362971	4.344	ng	98
78) Pyrene	19.724	202	330548	4.394	ng	98
81) Benzo(a)anthracene	21.642	228	174838	2.326	ng	96
83) Chrysene	21.712	228	213427	3.061	ng	98
88) Benzo(b)fluoranthene	23.971	252	364255	4.720	ng	99
90) Benzo(a)pyrene	24.877	252	197990	2.664	ng	97
92) Benzo(g,h,i)perylene	30.065	276	166799	2.246	ng	95

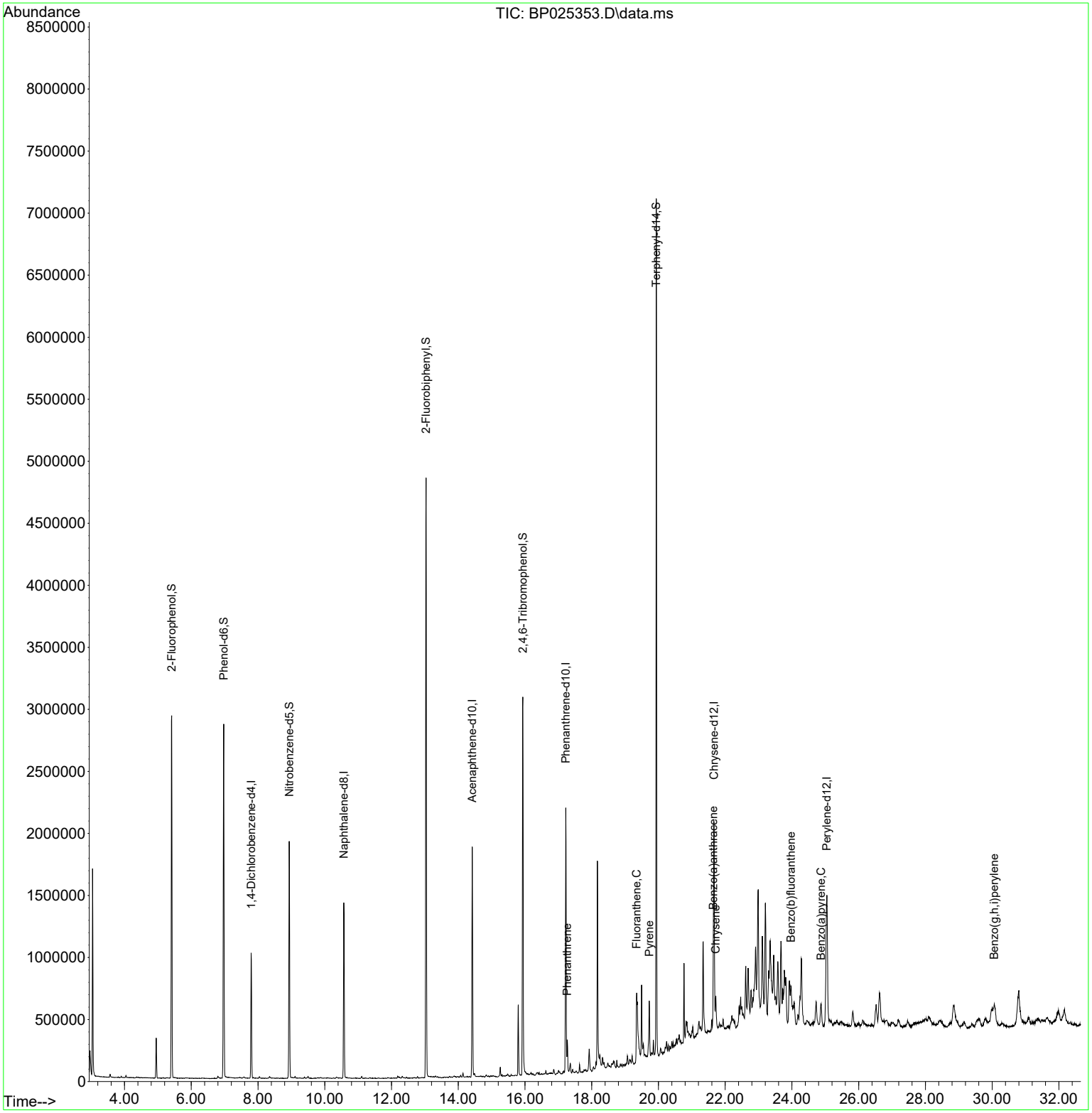
(#) = qualifier out of range (m) = manual integration (+) = signals summed

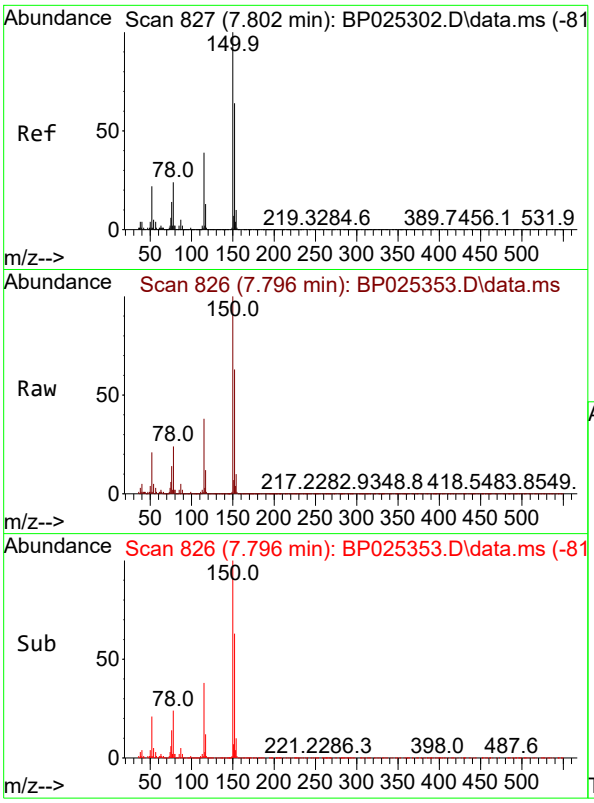
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025353.D
Acq On : 11 Aug 2025 18:10
Operator : CG/JU
Sample : Q2793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Time: Aug 11 18:51:06 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



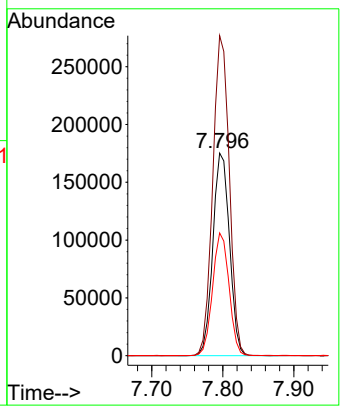


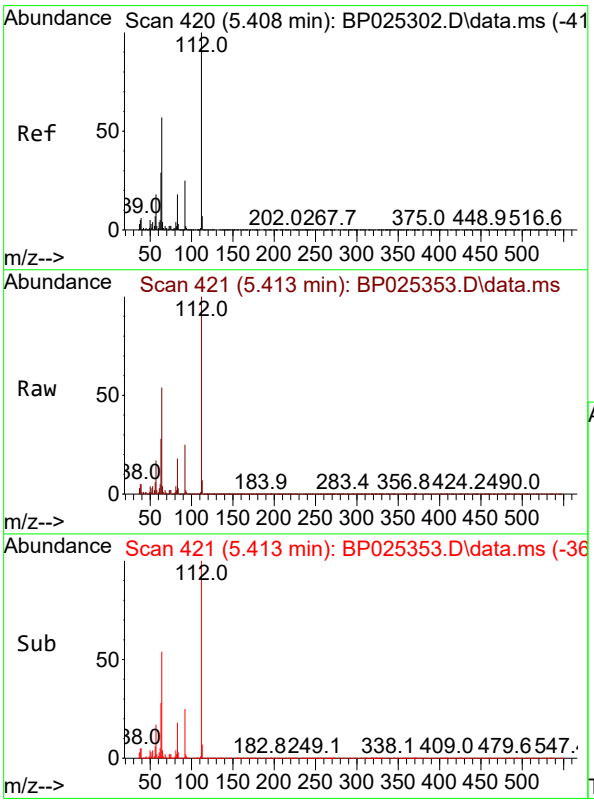
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:152 Resp: 284096

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.1	187.7
115	60.5	48.4	72.6

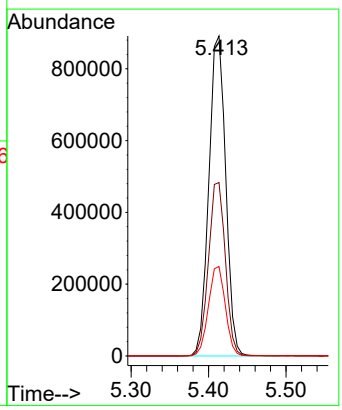


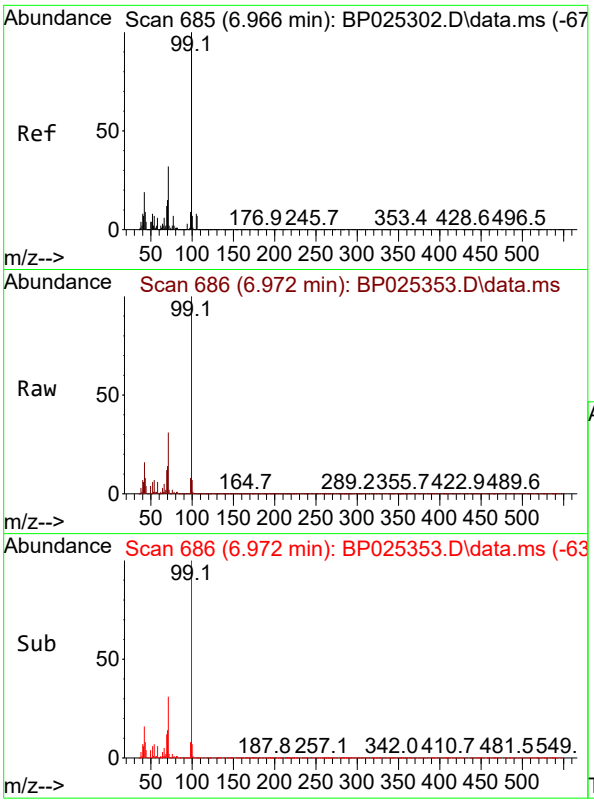


#5
2-Fluorophenol
Concen: 76.287 ng
RT: 5.413 min Scan# 421
Delta R.T. 0.005 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Tgt Ion:112 Resp: 1347505

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.3	67.9
63	27.9	23.0	34.6



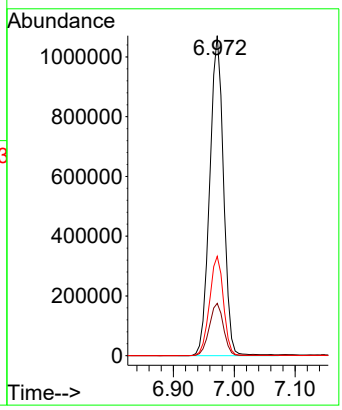


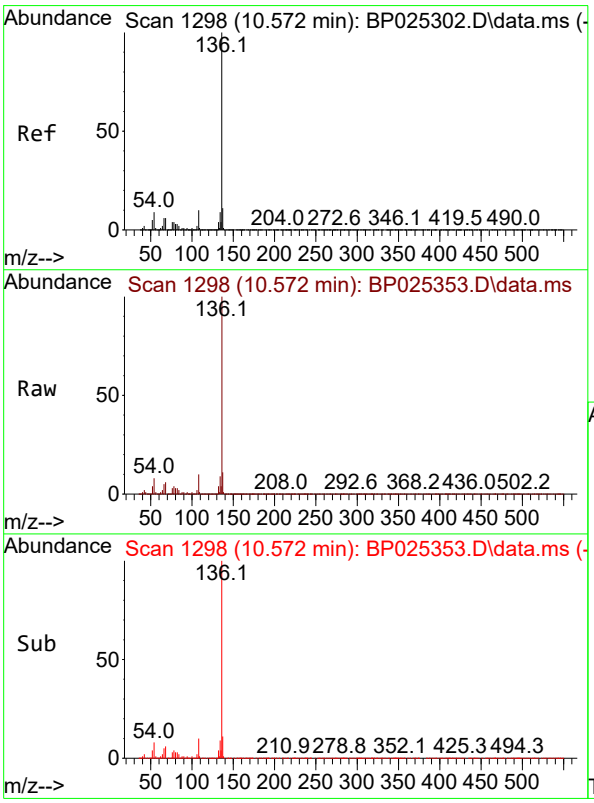
#7
Phenol-d6
Concen: 72.637 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion: 99 Resp: 1688570

Ion	Ratio	Lower	Upper
99	100		
42	16.3	15.0	22.6
71	31.1	25.5	38.3

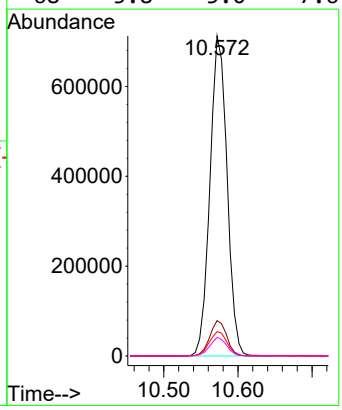


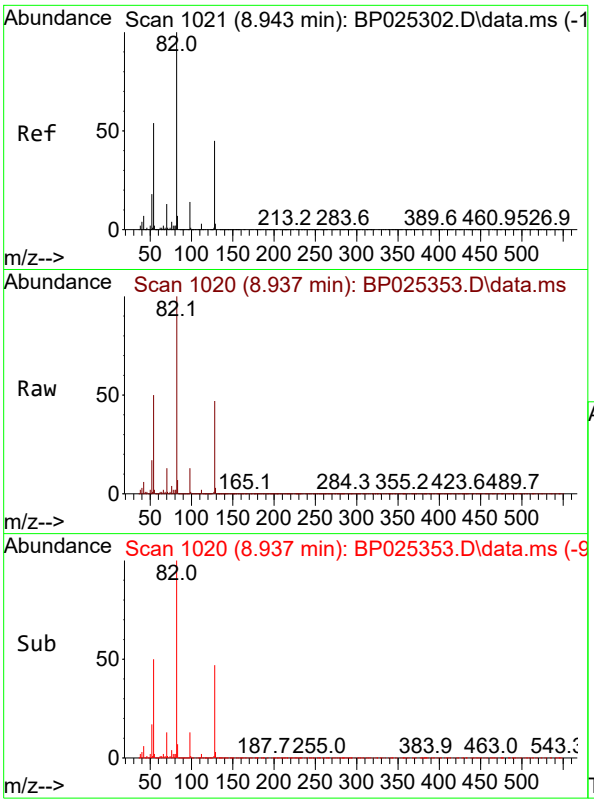


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Tgt Ion:136 Resp: 1143002

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	7.0	10.6
68	5.8	5.0	7.6



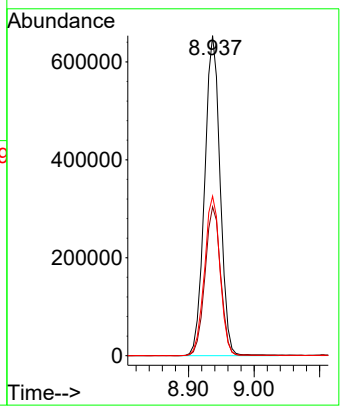


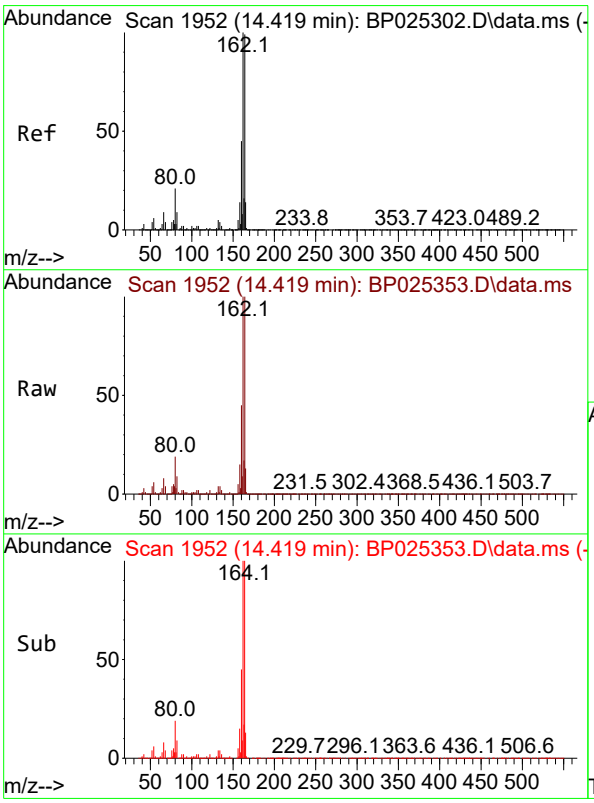
#23
Nitrobenzene-d5
Concen: 52.049 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion: 82 Resp: 1073834

Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.4	53.2
54	49.8	42.9	64.3

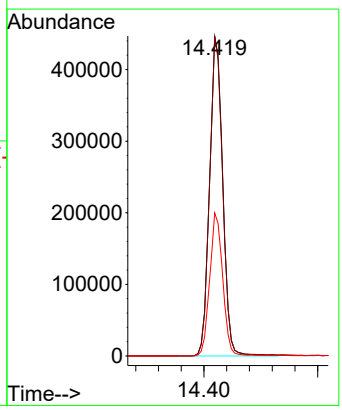


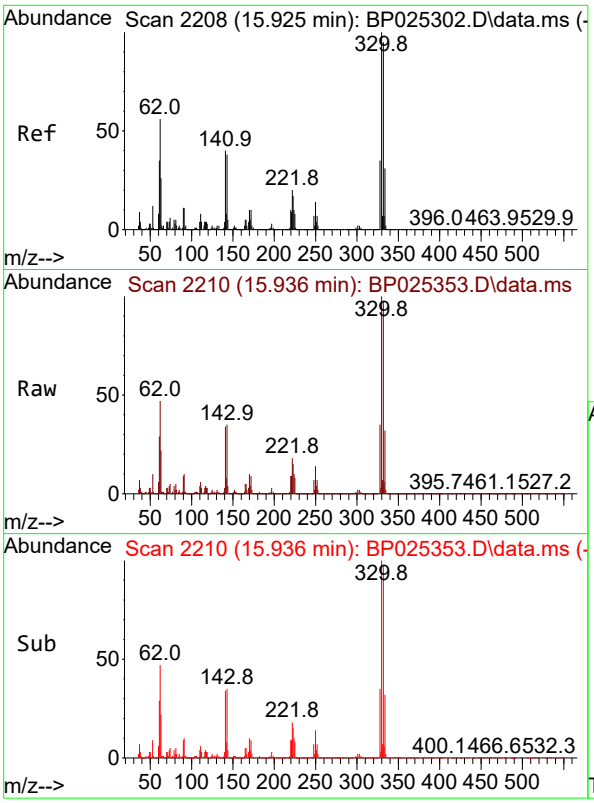


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Tgt Ion:164 Resp: 715859

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	44.8	35.9	53.9



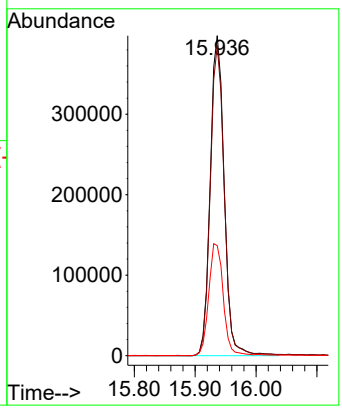


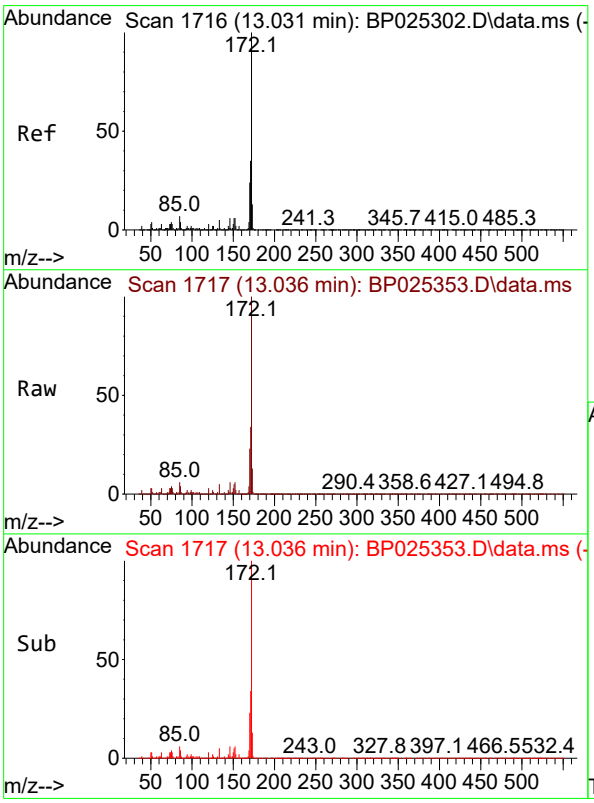
#42
2,4,6-Tribromophenol
Concen: 88.816 ng
RT: 15.936 min Scan# 2
Delta R.T. 0.011 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:330 Resp: 634282

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	36.5	31.7	47.5

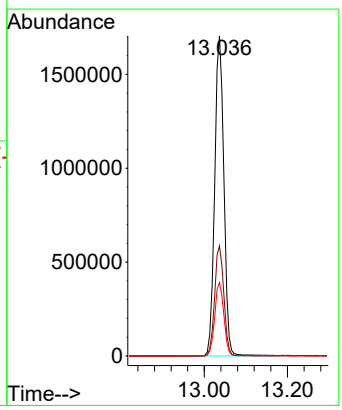


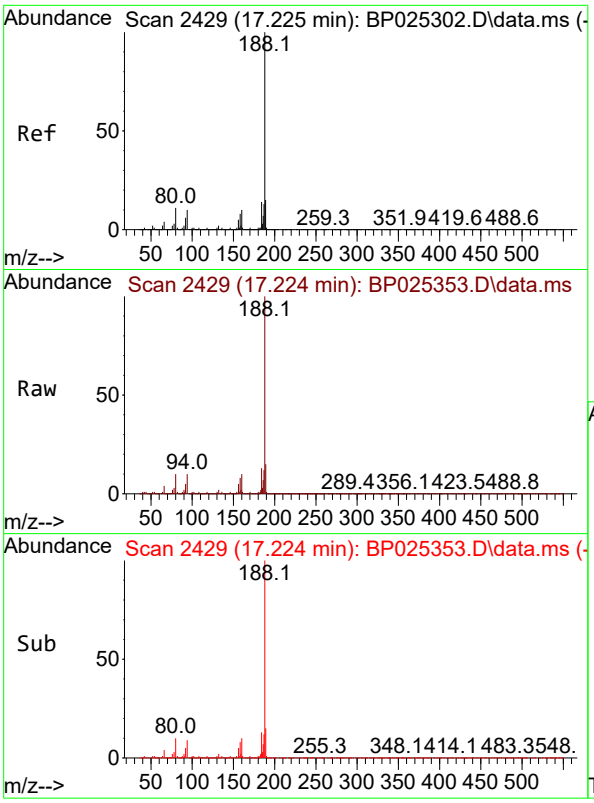


#45
2-Fluorobiphenyl
Concen: 50.386 ng
RT: 13.036 min Scan# 1717
Delta R.T. 0.005 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Tgt Ion:172 Resp: 2611431

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	22.9	18.9	28.3



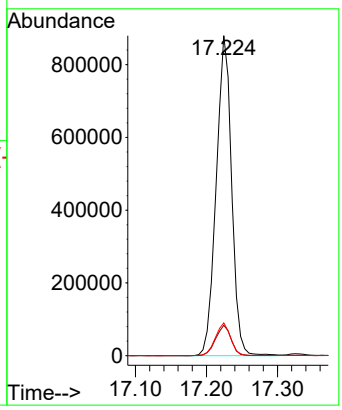


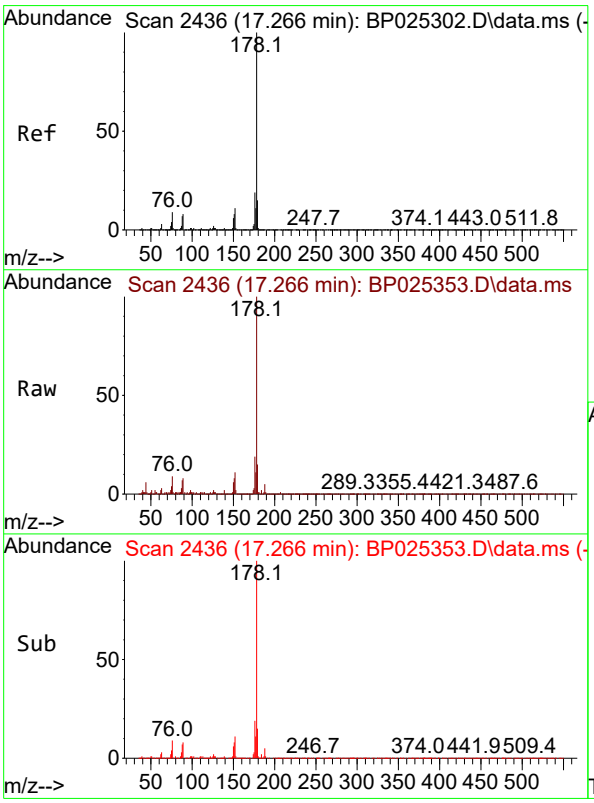
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 24
Delta R.T. -0.001 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:188 Resp: 1317937

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.3	8.5	12.7

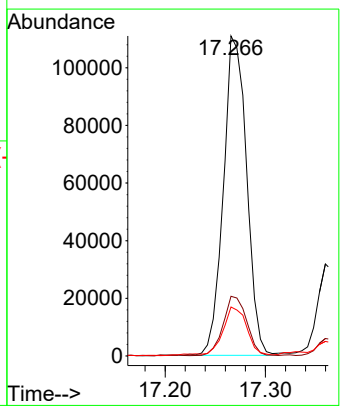


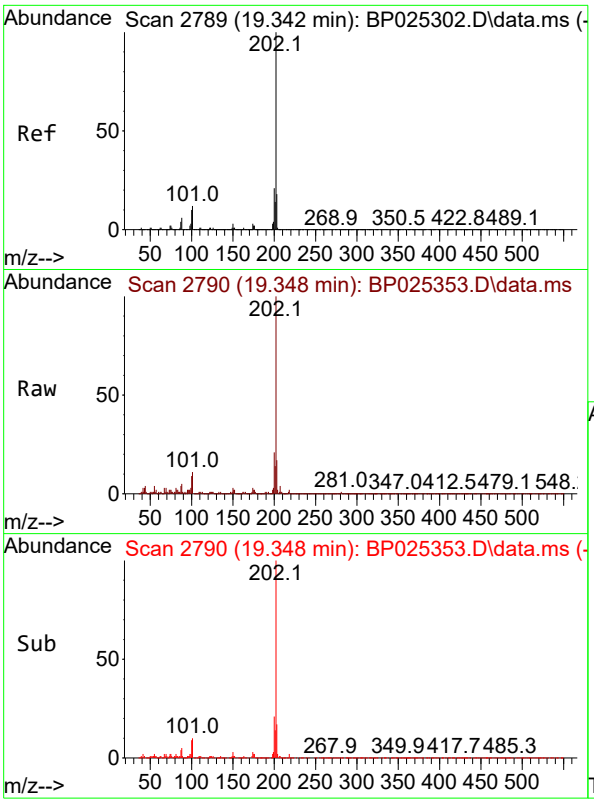


#71
Phenanthrene
Concen: 2.472 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Tgt Ion:178 Resp: 178436

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



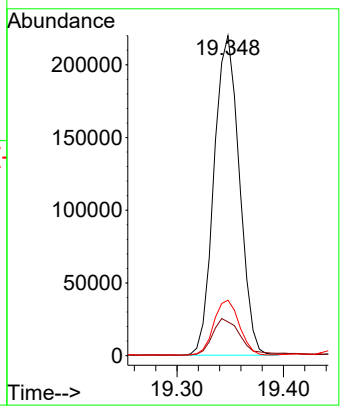


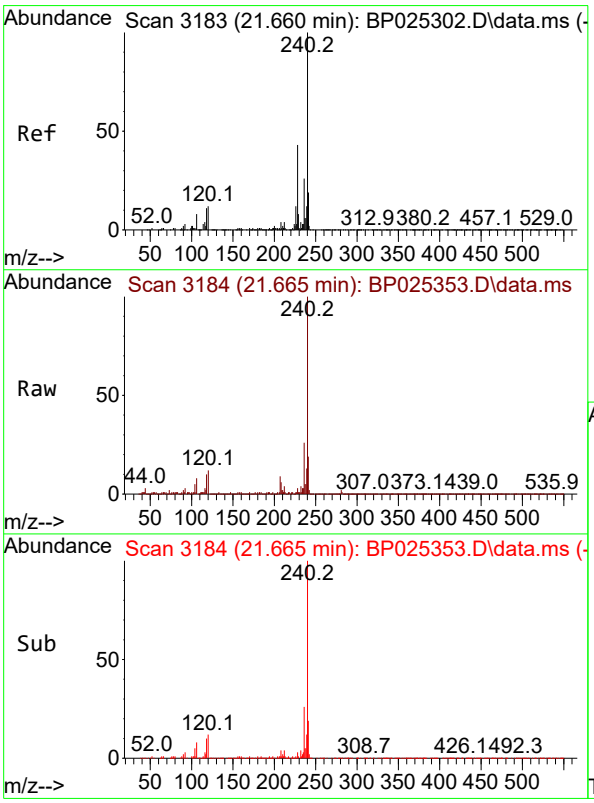
#75
Fluoranthene
Concen: 4.344 ng
RT: 19.348 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:202 Resp: 362971

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.5
203	17.4	0.0	37.6

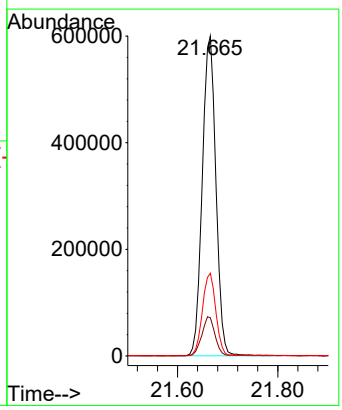


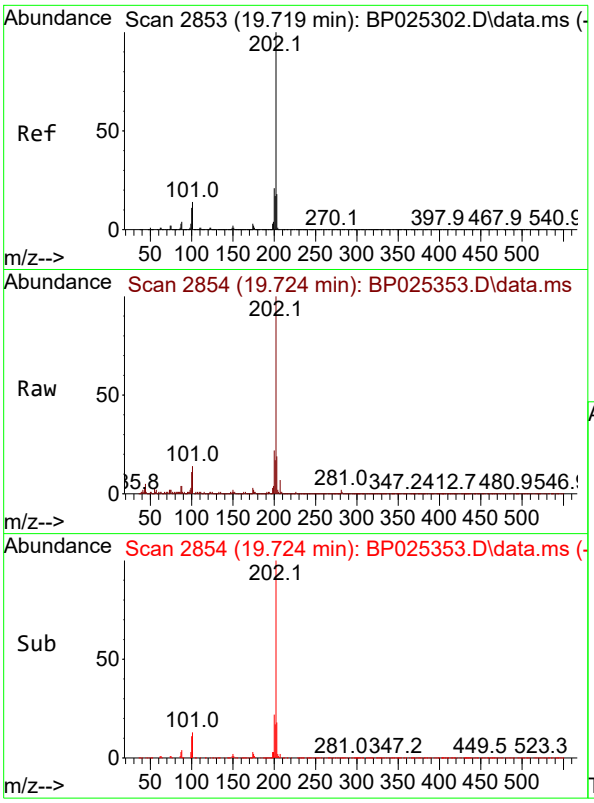


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.665 min Scan# 3184
Delta R.T. 0.005 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Tgt Ion:240 Resp: 1131276

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.9	20.4	30.6



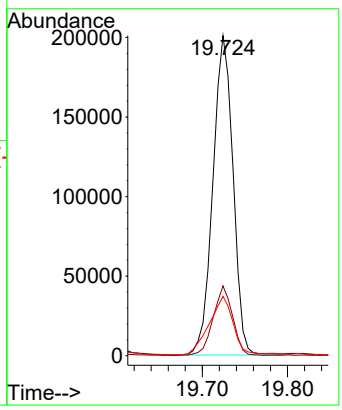


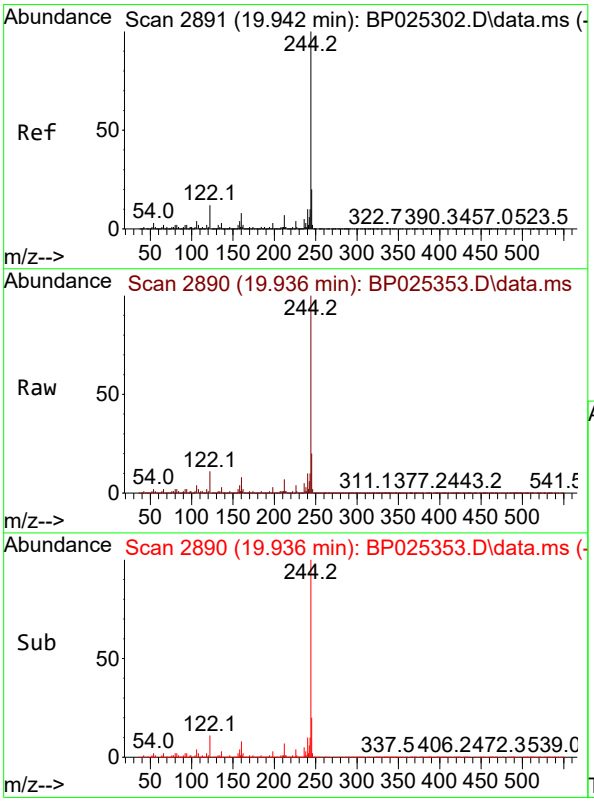
#78
Pyrene
Concen: 4.394 ng
RT: 19.724 min Scan# 2
Delta R.T. 0.005 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:202 Resp: 330548

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.7	25.1
203	18.6	14.1	21.1

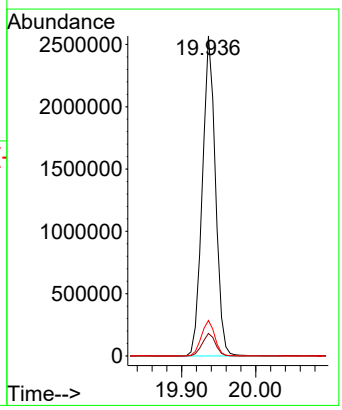


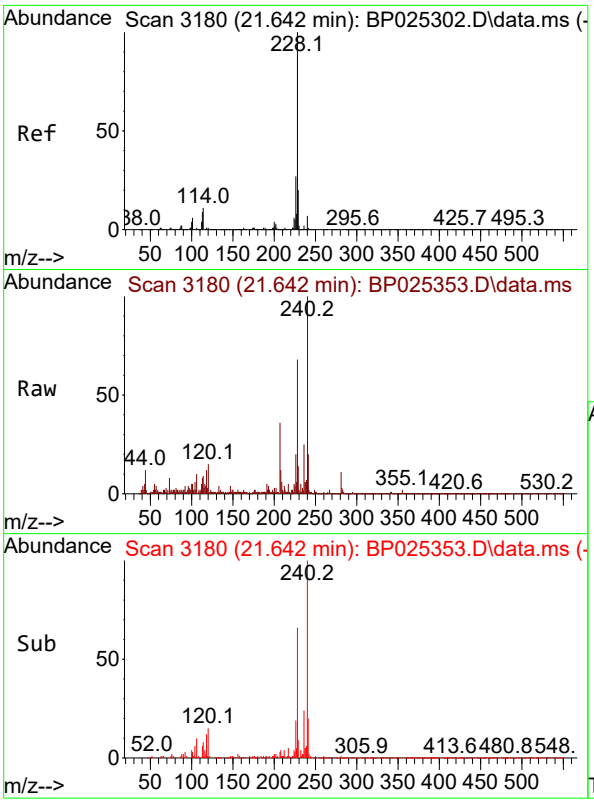


#79
Terphenyl-d14
Concen: 52.703 ng
RT: 19.936 min Scan# 2890
Delta R.T. -0.006 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Tgt Ion:244 Resp: 3156611

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.1	9.5	14.3



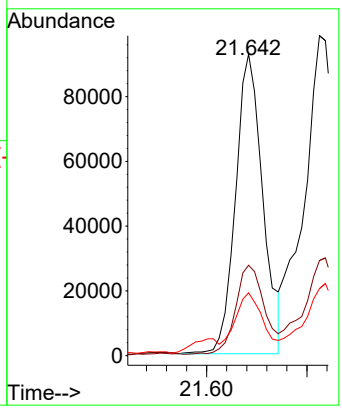


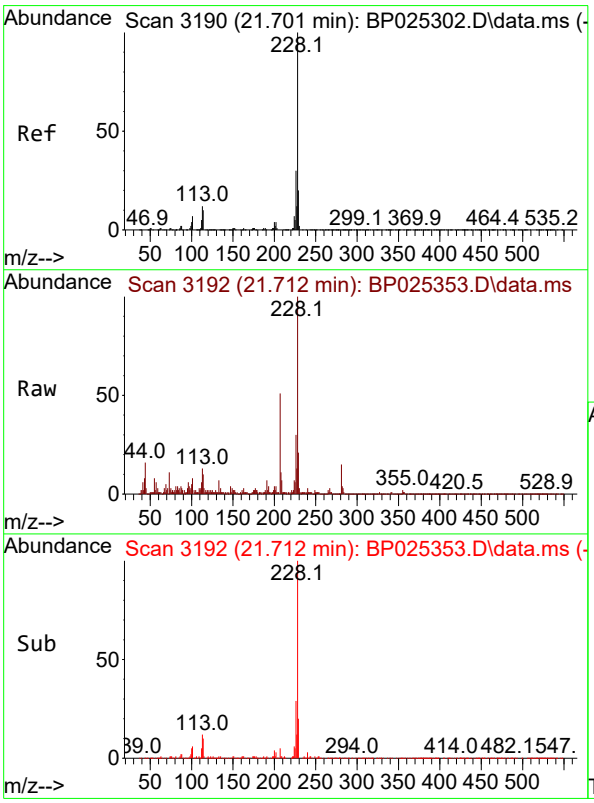
#81
Benzo(a)anthracene
Concen: 2.326 ng
RT: 21.642 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:228 Resp: 174838

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.8	32.8
229	20.8	16.0	24.0

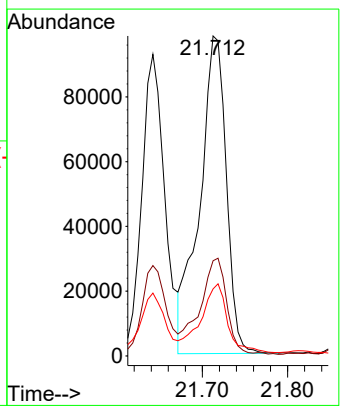


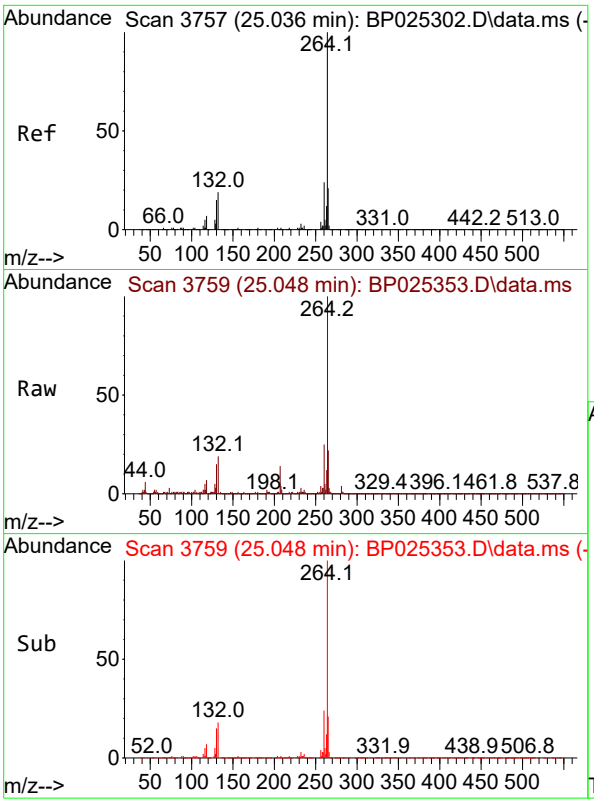


#83
Chrysene
Concen: 3.061 ng
RT: 21.712 min Scan# 3192
Delta R.T. 0.011 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Tgt Ion:228 Resp: 213427

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	21.0	15.9	23.9



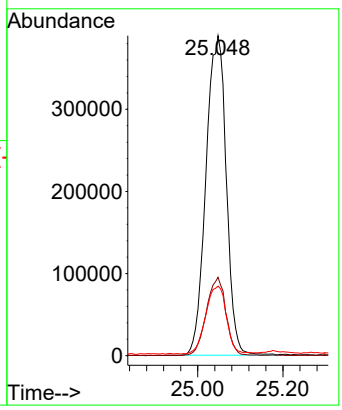


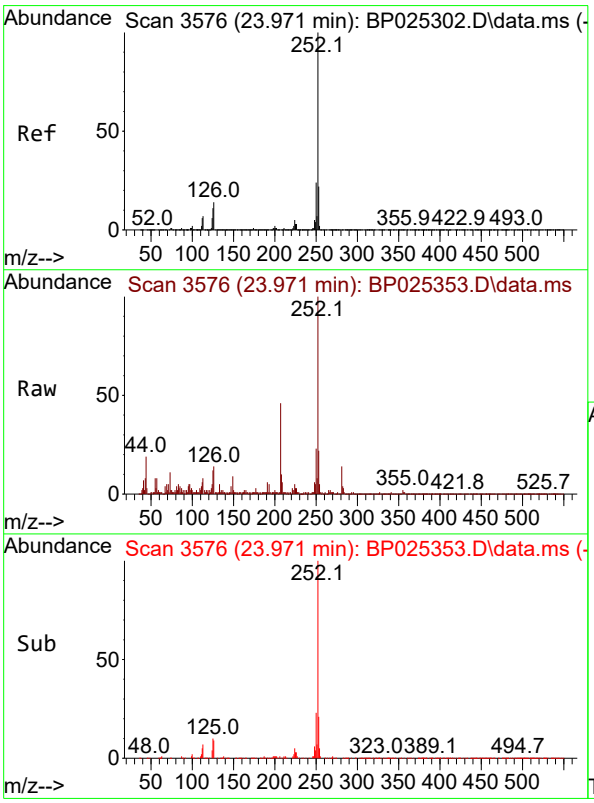
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.048 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:264 Resp: 1289166

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.1	25.7

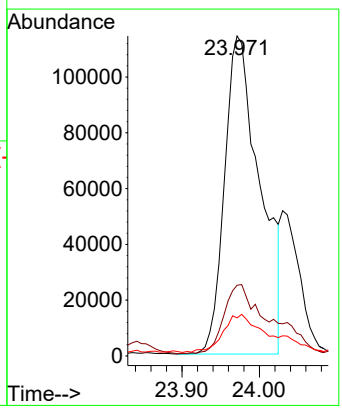


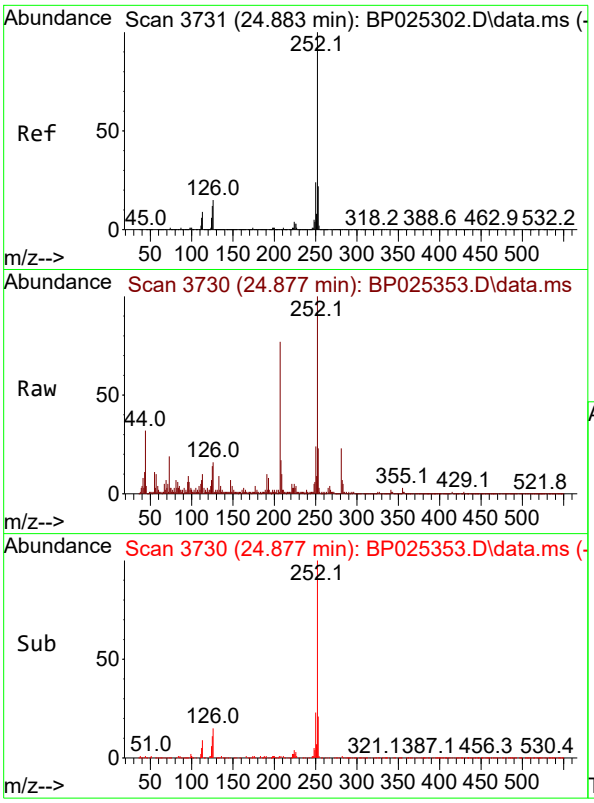


#88
Benzo(b)fluoranthene
Concen: 4.720 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Tgt Ion:252 Resp: 364255

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.9	8.5	12.7



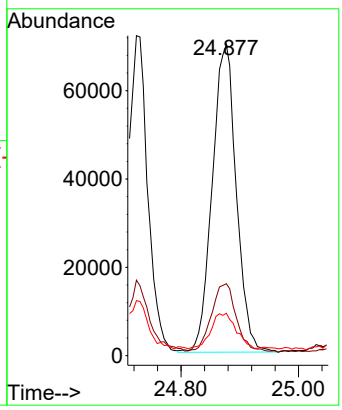


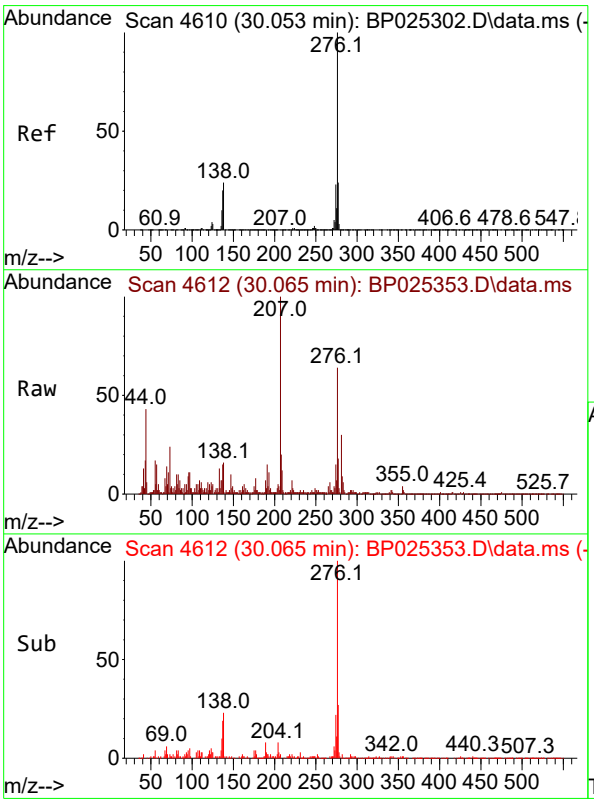
#90
Benzo(a)pyrene
Concen: 2.664 ng
RT: 24.877 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:252 Resp: 197990

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	13.6	9.4	14.0





#92
Benzo(g,h,i)perylene
Concen: 2.246 ng
RT: 30.065 min Scan# 4612
Delta R.T. 0.012 min
Lab File: BP025353.D
Acq: 11 Aug 2025 18:10

Tgt Ion:276 Resp: 166799

Ion	Ratio	Lower	Upper
276	100		
277	27.8	19.3	28.9
138	25.0	19.1	28.7