Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024950.D
Acq On : 13 Jun 2025 18:56
Operator : RC/JU
Sample : Q2305-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Quant Time: Jun 13 22:44:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

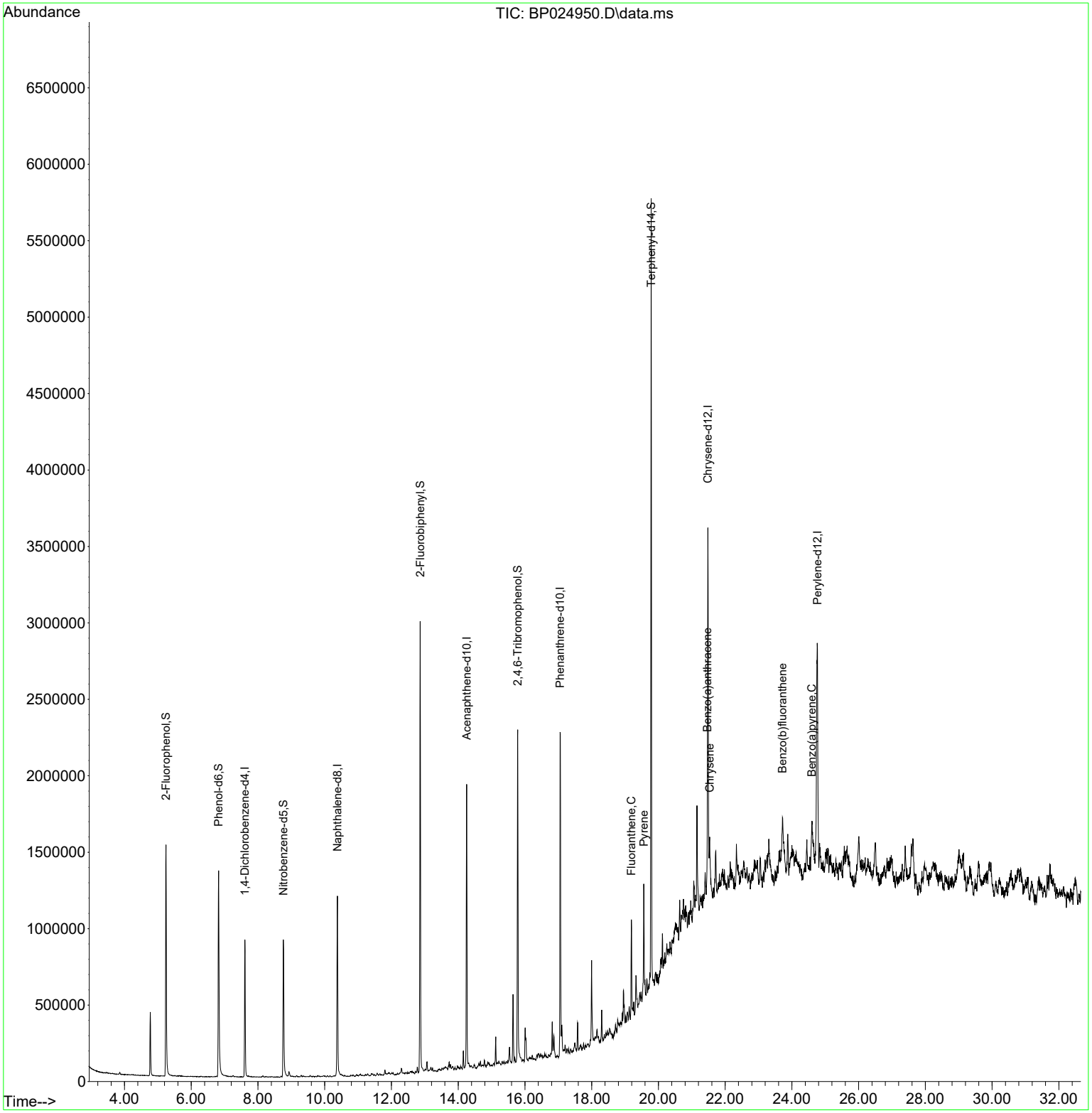
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	254282	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1010649	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	658171	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1289246	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1382127	20.000	ng	0.00
86) Perylene-d12	24.766	264	1658287	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	755680	49.606	ng	0.00
7) Phenol-d6	6.819	99	978155	48.530	ng	0.00
23) Nitrobenzene-d5	8.761	82	596130	28.663	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	475392	52.243	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	1452367	29.727	ng	0.00
79) Terphenyl-d14	19.783	244	2434875	31.574	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.189	202	360061	4.360	ng	99
78) Pyrene	19.566	202	335654	3.887	ng	98
81) Benzo(a)anthracene	21.466	228	188652	2.134	ng	96
83) Chrysene	21.536	228	210020m	2.507	ng	
88) Benzo(b)fluoranthene	23.719	252	295701	3.116	ng	# 85
90) Benzo(a)pyrene	24.595	252	207352	2.237	ng	# 83

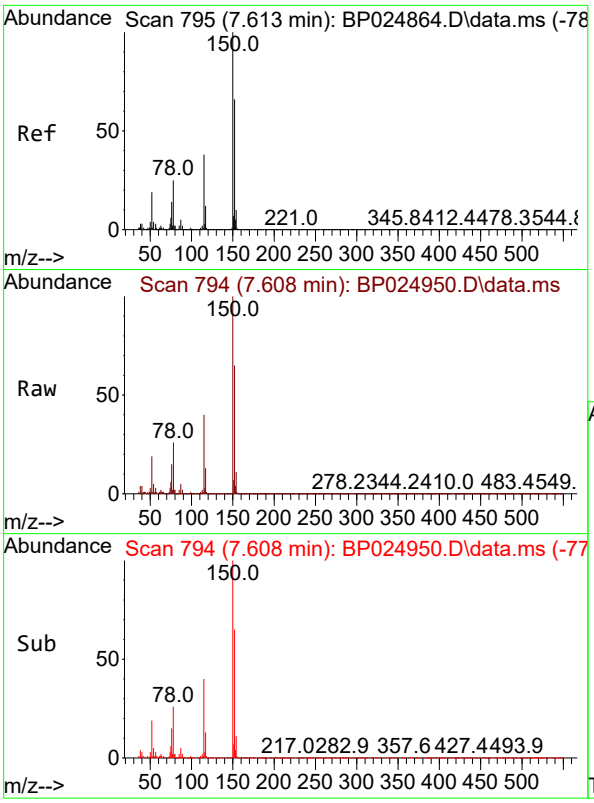
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024950.D
Acq On : 13 Jun 2025 18:56
Operator : RC/JU
Sample : Q2305-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Quant Time: Jun 13 22:44:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



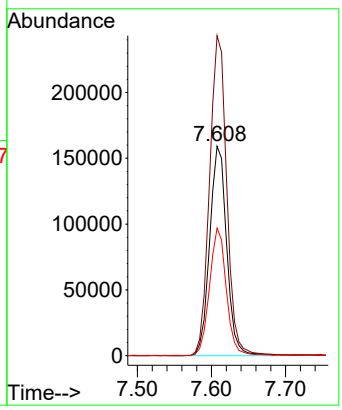


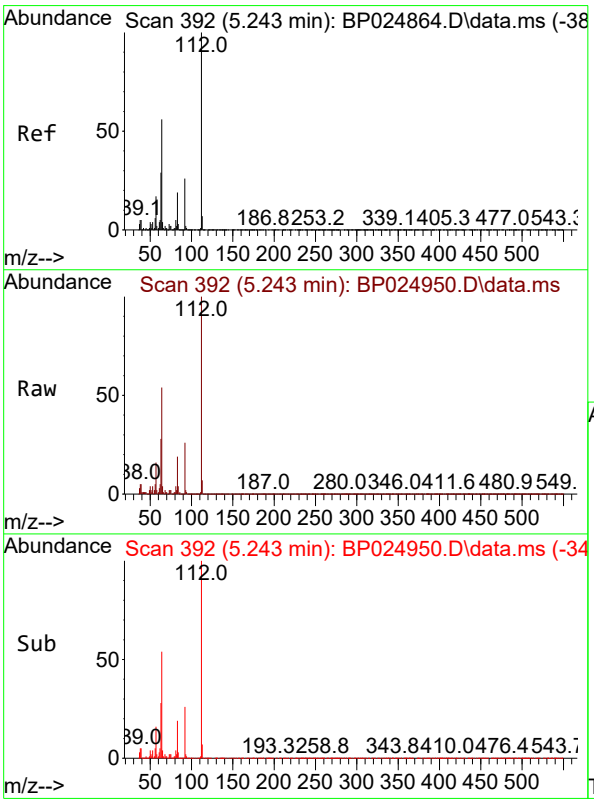
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Tgt Ion:152 Resp: 254282

Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.1	183.1
115	60.9	46.4	69.6

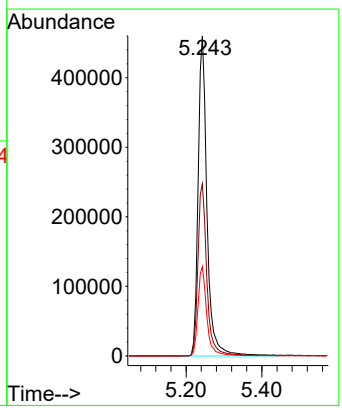


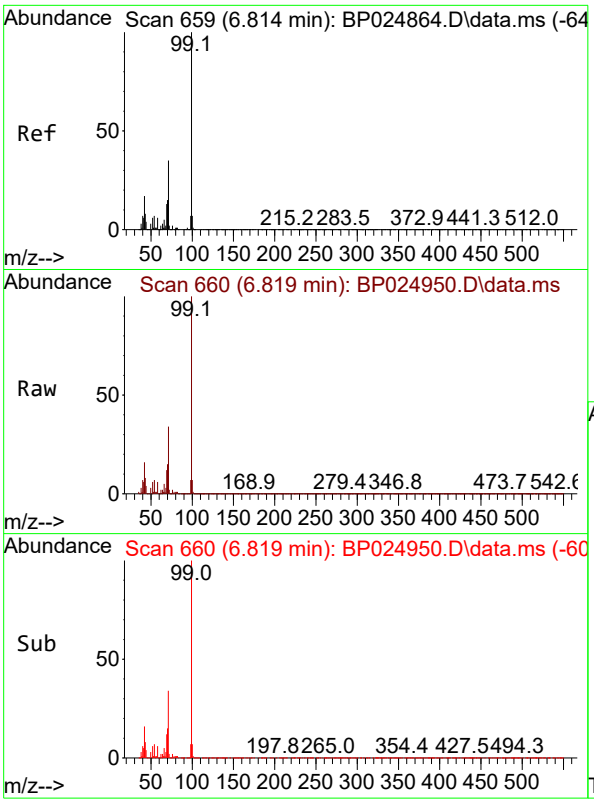


#5
2-Fluorophenol
Concen: 49.606 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Tgt Ion:112 Resp: 755680

Ion	Ratio	Lower	Upper
112	100		
64	53.8	44.7	67.1
63	28.0	23.5	35.3



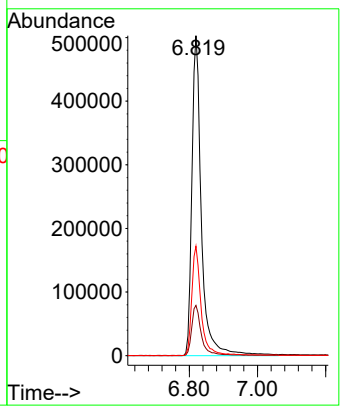


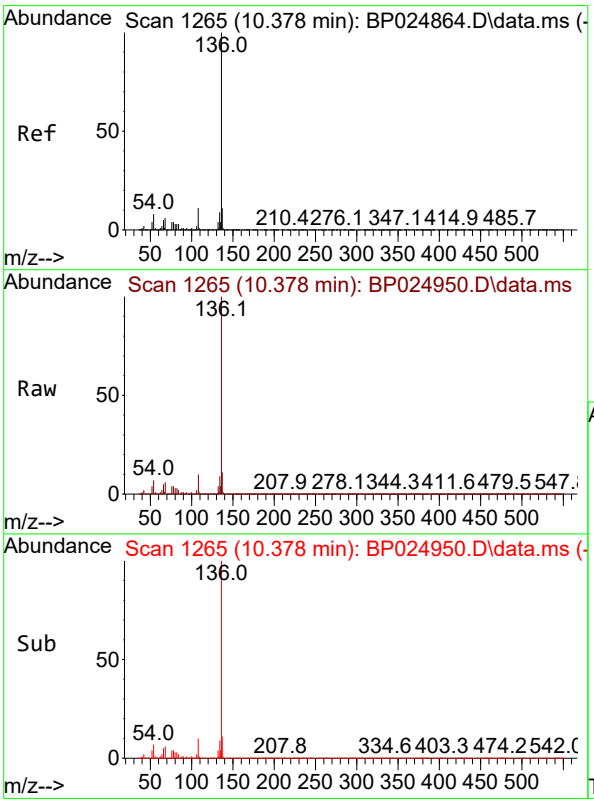
#7
Phenol-d6
Concen: 48.530 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Tgt Ion: 99 Resp: 978155

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.2
71	34.2	27.6	41.4

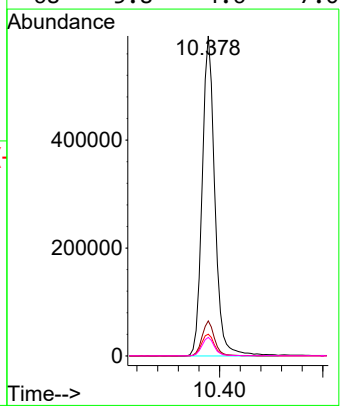


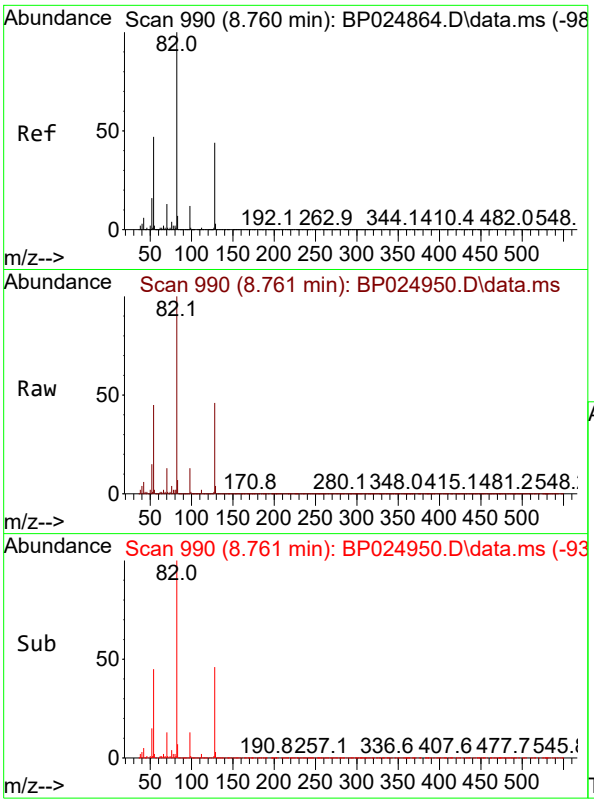


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Tgt Ion:136 Resp: 1010649

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.1	9.1
68	5.8	4.6	7.0



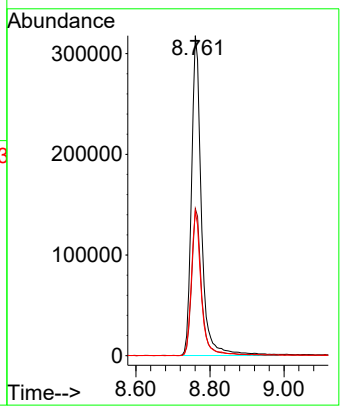


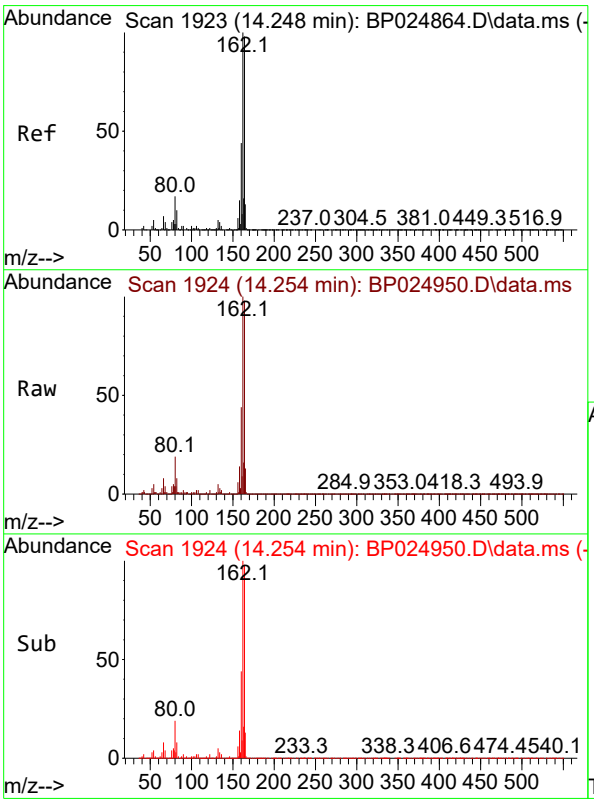
#23
Nitrobenzene-d5
Concen: 28.663 ng
RT: 8.761 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Tgt Ion: 82 Resp: 596130

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.3	52.9
54	45.2	37.4	56.0

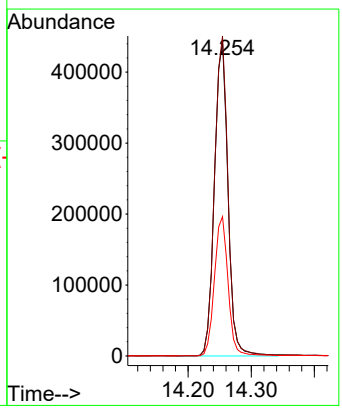


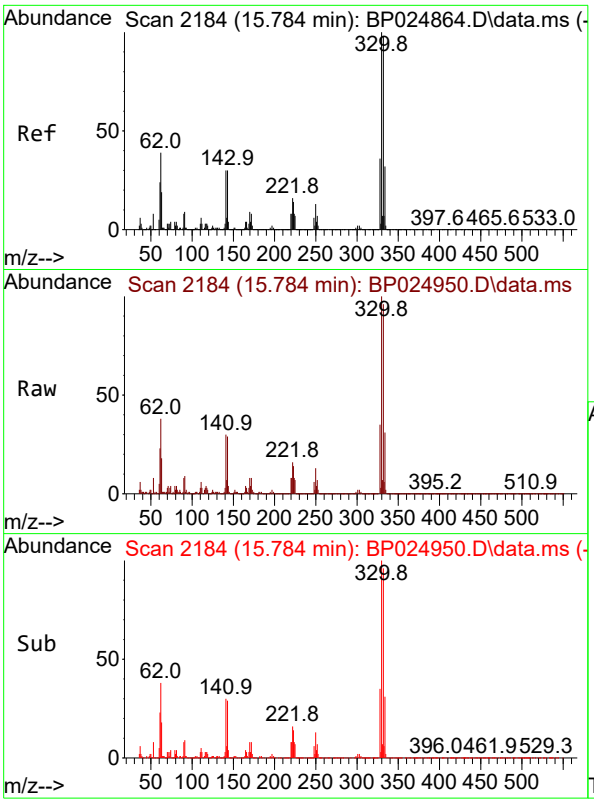


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Tgt Ion:164 Resp: 658171

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	44.3	36.2	54.2



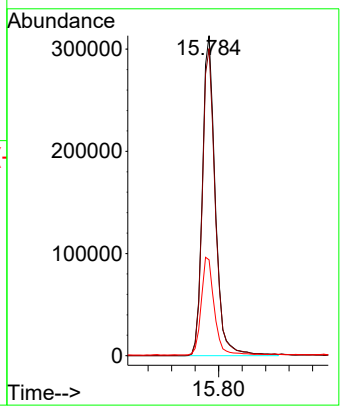


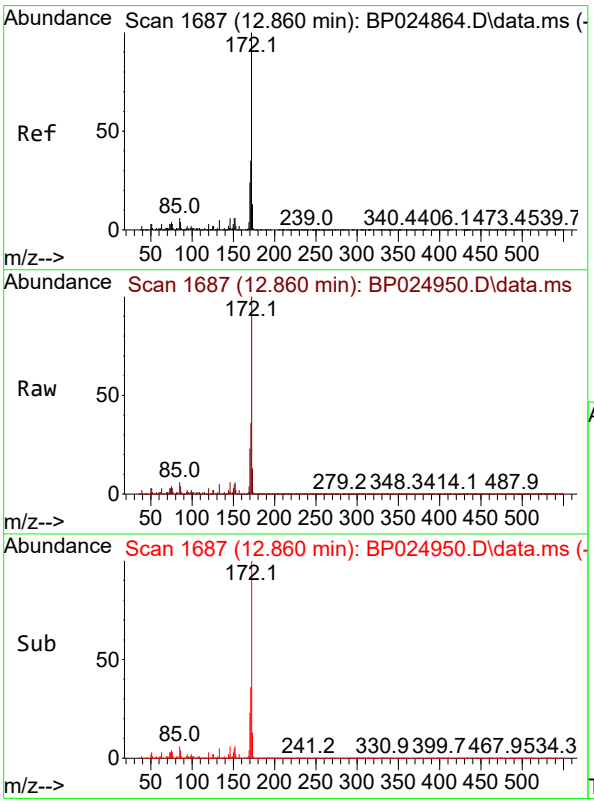
#42
2,4,6-Tribromophenol
Concen: 52.243 ng
RT: 15.784 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Tgt Ion:330 Resp: 475392

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	30.7	26.4	39.6

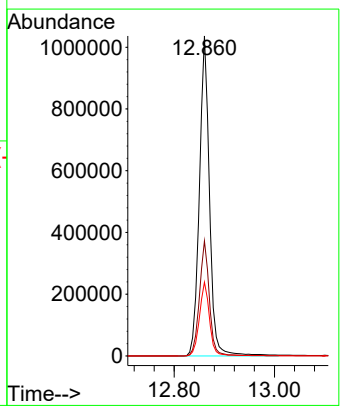


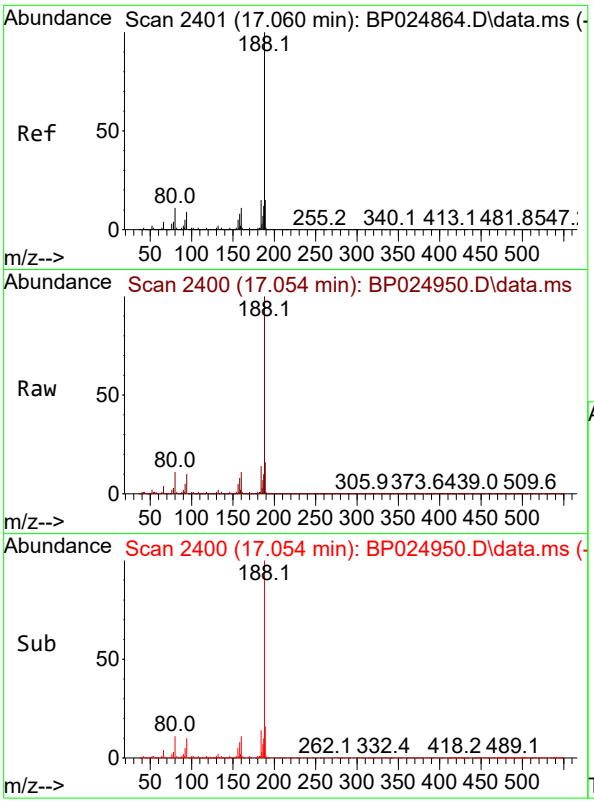


#45
2-Fluorobiphenyl
Concen: 29.727 ng
RT: 12.860 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Tgt Ion:172 Resp: 1452367

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.3	42.5
170	23.1	19.0	28.4



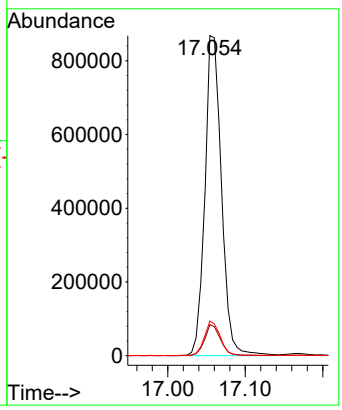


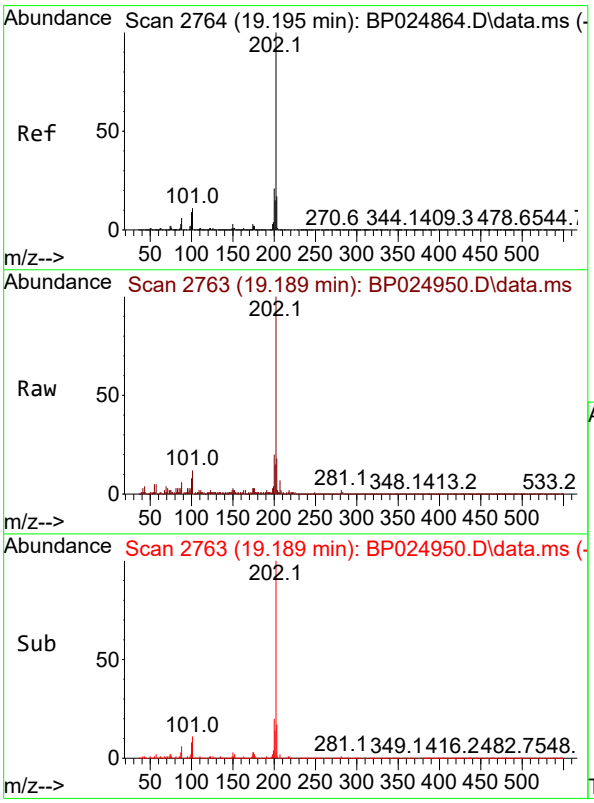
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Tgt Ion:188 Resp: 1289246

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.3	10.9
80	10.8	8.5	12.7

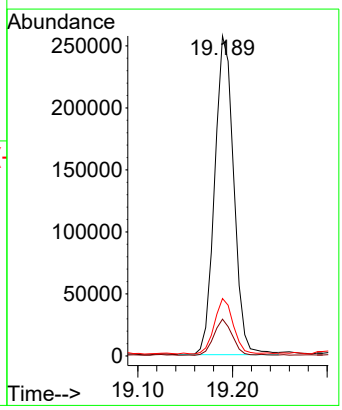


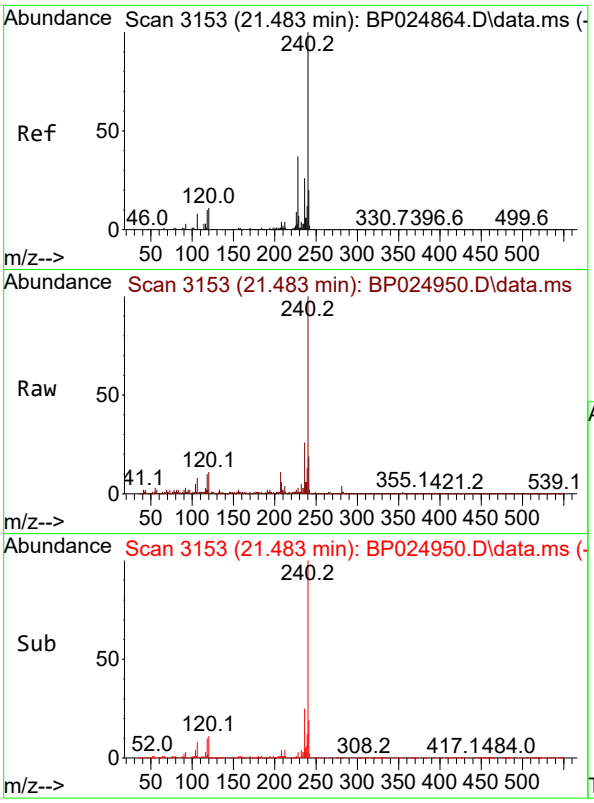


#75
Fluoranthene
Concen: 4.360 ng
RT: 19.189 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Tgt Ion:202 Resp: 360061

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	18.0	0.0	37.5



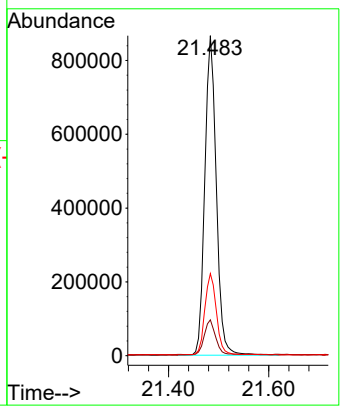


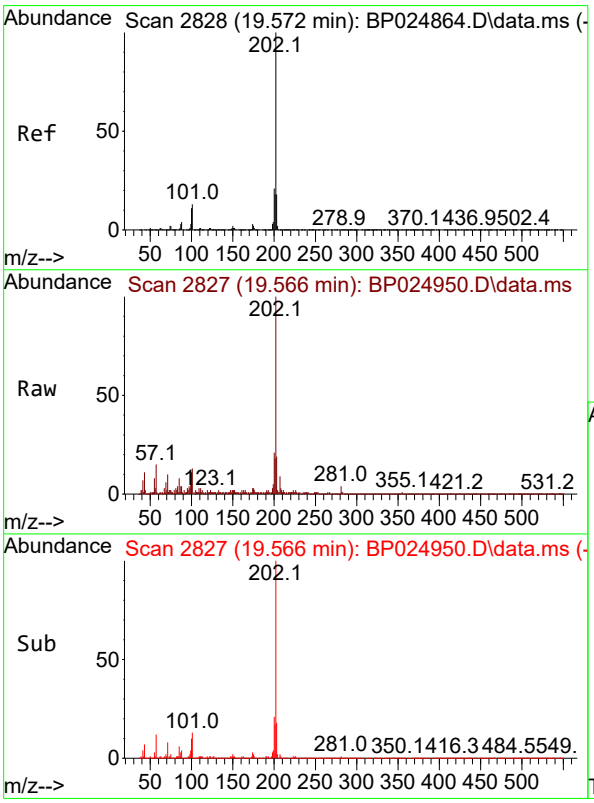
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Tgt Ion:240 Resp: 1382127

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.7	20.9	31.3

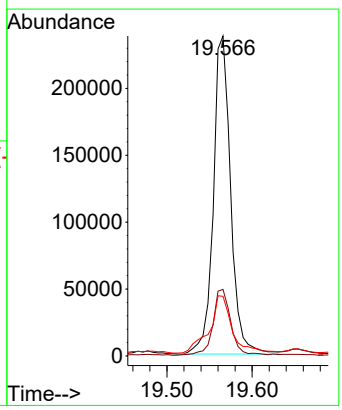


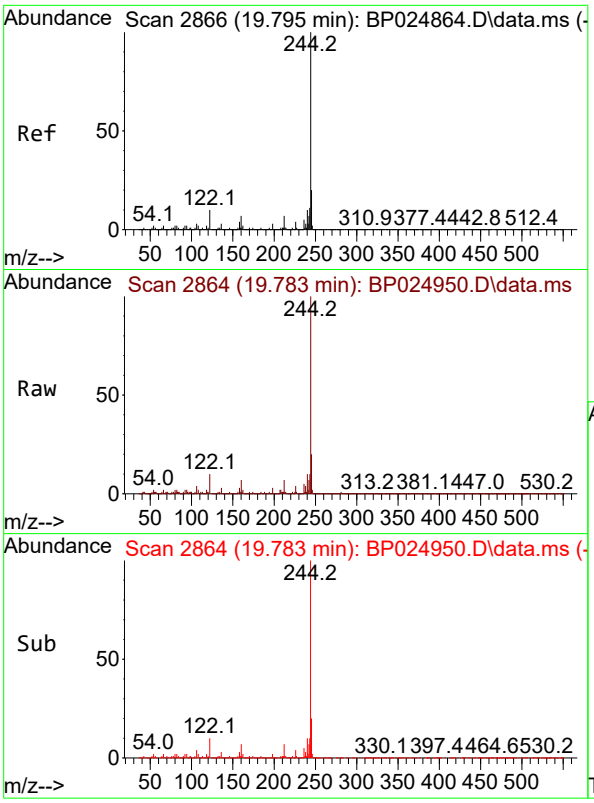


#78
Pyrene
Concen: 3.887 ng
RT: 19.566 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Tgt Ion:202 Resp: 335654

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	18.7	14.0	21.0



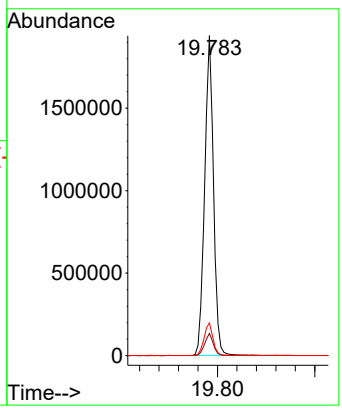


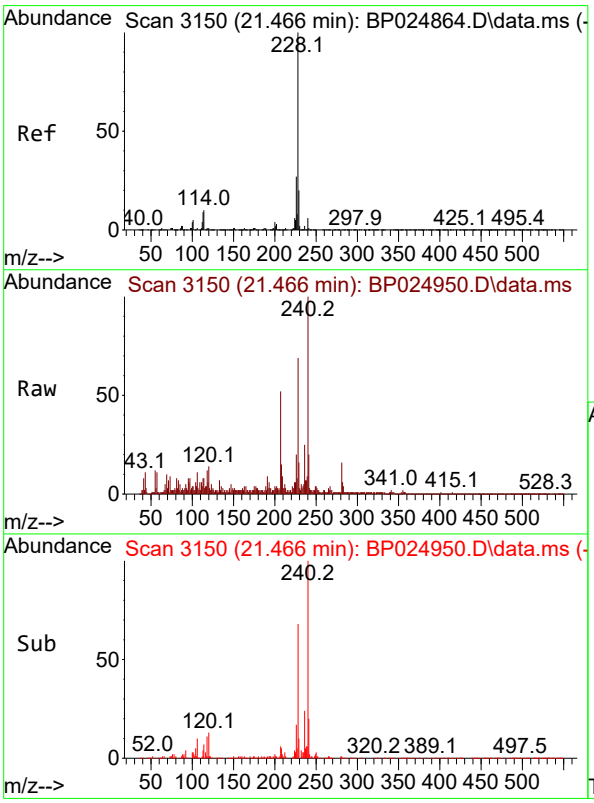
#79
Terphenyl-d14
Concen: 31.574 ng
RT: 19.783 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Tgt Ion:244 Resp: 2434875

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.3	7.7	11.5

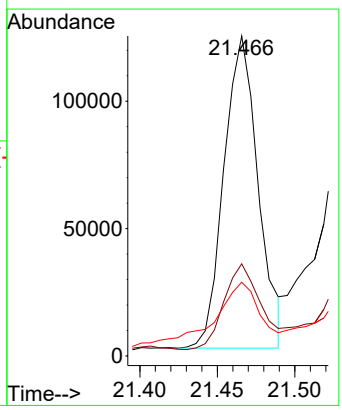


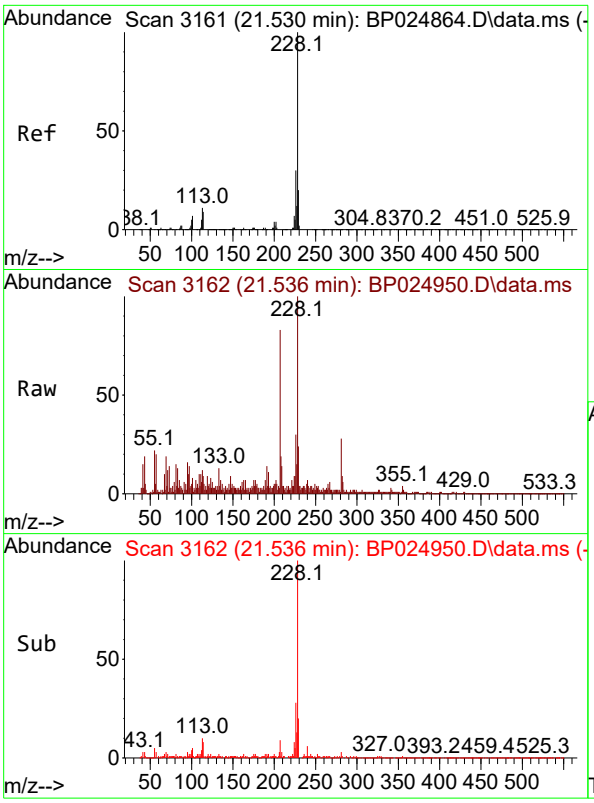


#81
Benzo(a)anthracene
Concen: 2.134 ng
RT: 21.466 min Scan# 3150
Delta R.T. 0.000 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Tgt Ion:228 Resp: 188652

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.1	33.1
229	23.0	15.9	23.9



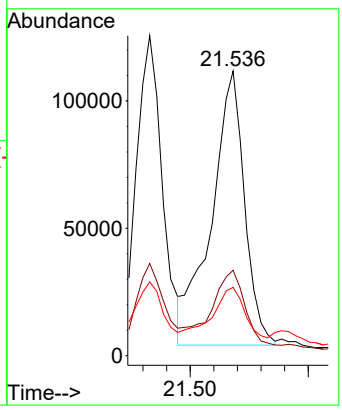


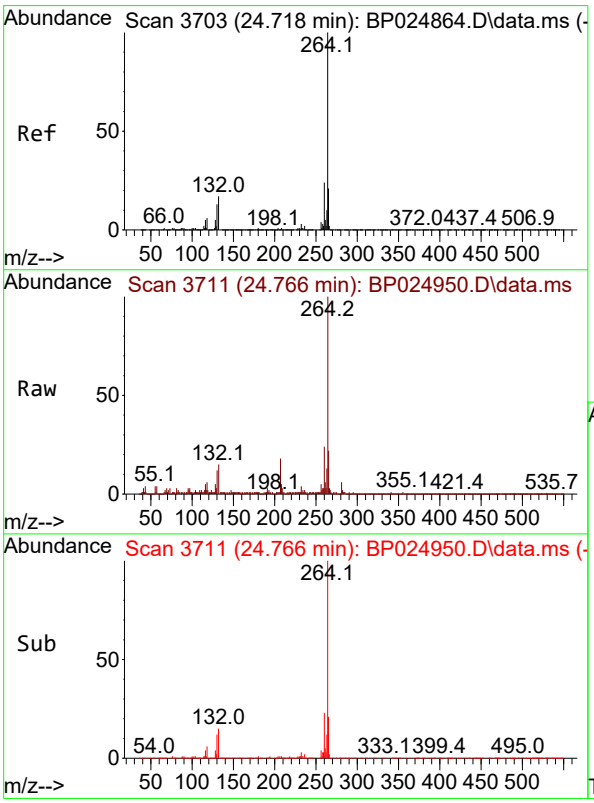
#83
Chrysene
Concen: 2.507 ng m
RT: 21.536 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Tgt Ion:228 Resp: 210020

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	24.0	15.6	23.4#

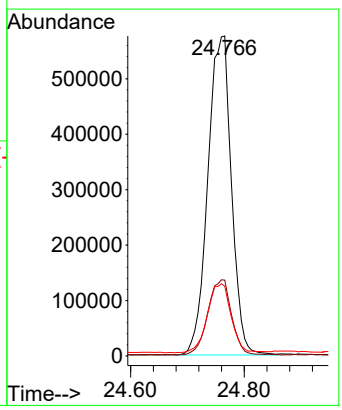


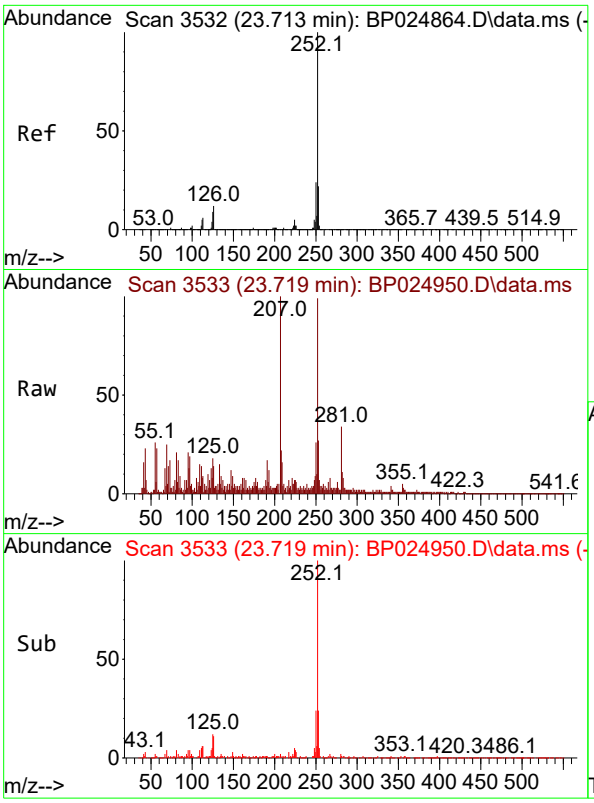


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.766 min Scan# 3711
Delta R.T. 0.047 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Tgt Ion:264 Resp: 1658287

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.8	17.4	26.0



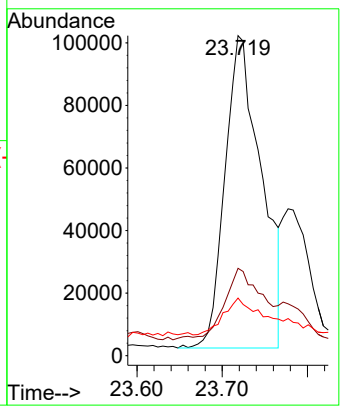


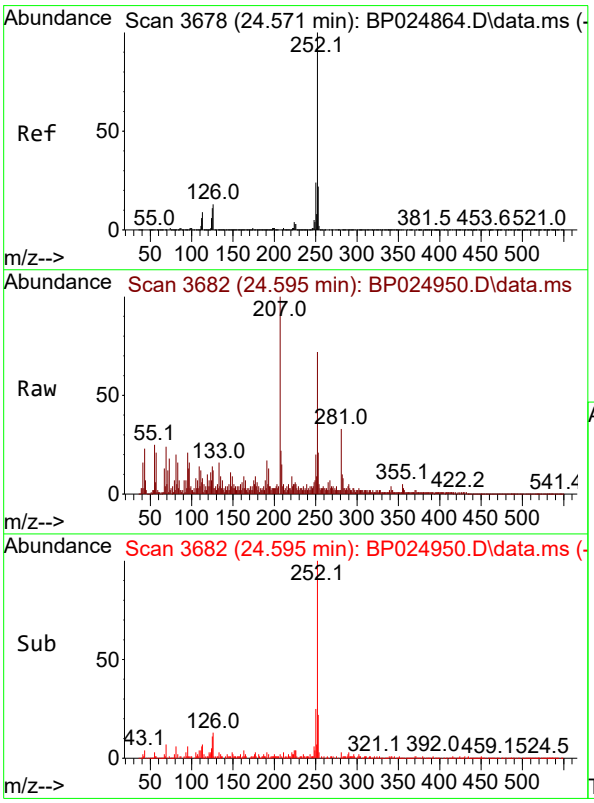
#88
Benzo(b)fluoranthene
Concen: 3.116 ng
RT: 23.719 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Tgt Ion:252 Resp: 295701

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.6	26.4#
125	18.0	7.1	10.7#





#90
Benzo(a)pyrene
Concen: 2.237 ng
RT: 24.595 min Scan# 3682
Delta R.T. 0.024 min
Lab File: BP024950.D
Acq: 13 Jun 2025 18:56

Tgt Ion:252 Resp: 207352

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.5	26.3#
125	19.1	8.8	13.2#