Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025887.D
Acq On : 29 Sep 2025 19:11
Operator : CG/JU
Sample : Q3220-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Quant Time: Sep 30 05:08:32 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	7.749	152	232456	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	891267	20.000	ng	0.00
39) Acenaphthene-d10	14.366	164	559970	20.000	ng	-0.01
64) Phenanthrene-d10	17.172	188	1002405	20.000	ng	-0.01
76) Chrysene-d12	21.613	240	984467	20.000	ng	-0.03
86) Perylene-d12	24.983	264	1096841	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	248900	17.277	ng	0.00
7) Phenol-d6	6.961	99	301595	15.750	ng	0.01
23) Nitrobenzene-d5	8.896	82	181341	8.975	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	124262	17.791	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	407634	9.693	ng	-0.01
79) Terphenyl-d14	19.901	244	554052	10.125	ng	-0.01
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.472	184	95	4.840	ng	# 1
56) 4-Nitrophenol	14.590	139	146	4.499	ng	88
71) Phenanthrene	17.213	178	311041	5.470	ng	99
75) Fluoranthene	19.301	202	651154	9.548	ng	99
78) Pyrene	19.678	202	693641	10.560	ng	98
81) Benzo(a)anthracene	21.595	228	339050	5.031	ng	94
83) Chrysene	21.666	228	328006	5.105	ng	96
87) Indeno(1,2,3-cd)pyrene	28.818	276	226622	2.841	ng	# 84
88) Benzo(b)fluoranthene	23.919	252	565630	8.433	ng	# 94
89) Benzo(k)fluoranthene	23.919	252	565630	8.264	ng	# 94
90) Benzo(a)pyrene	24.807	252	342718	5.218	ng	# 95
92) Benzo(g,h,i)perylene	29.989	276	240276	3.743	ng	96

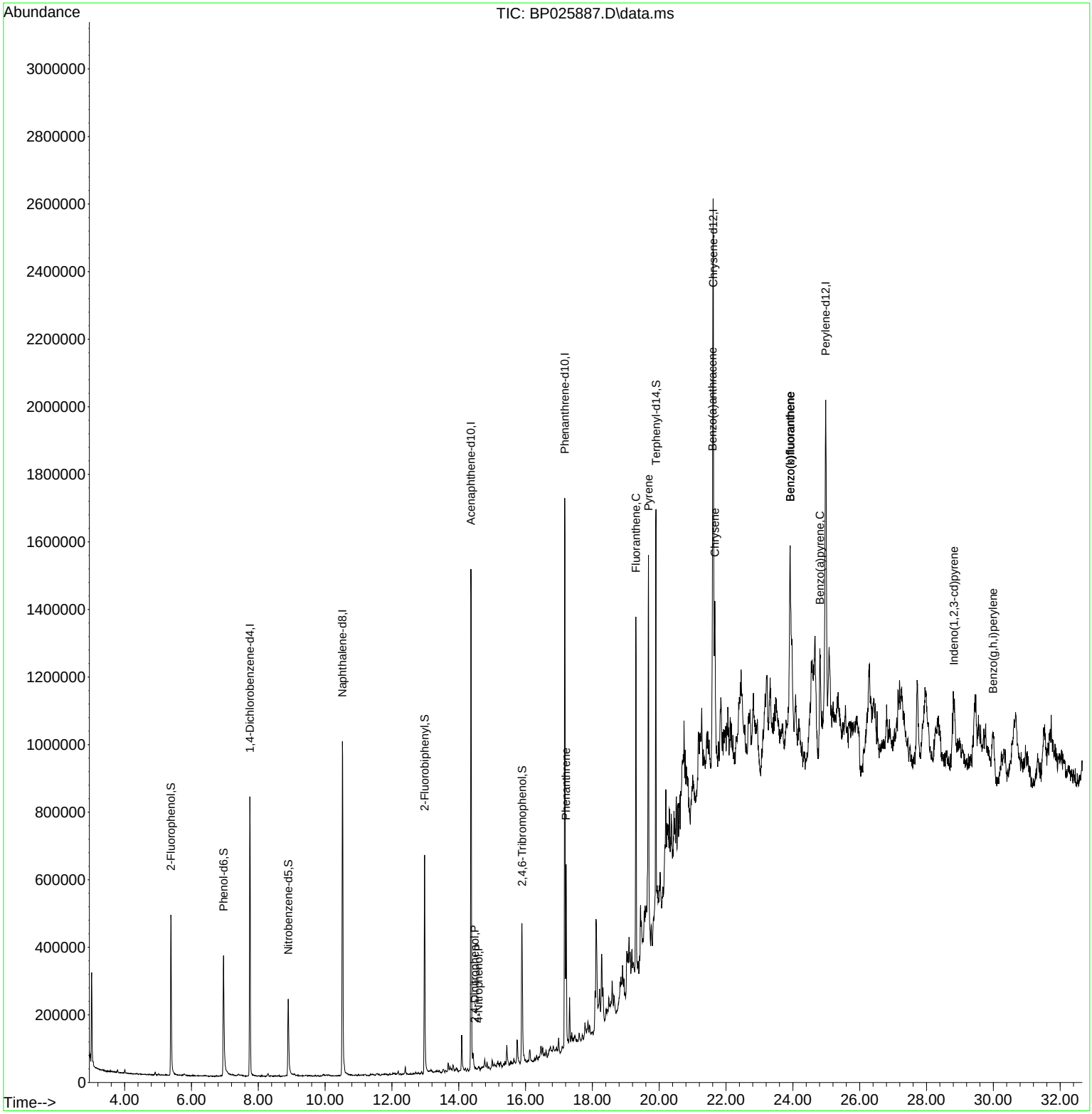
(#) = qualifier out of range (m) = manual integration (+) = signals summed

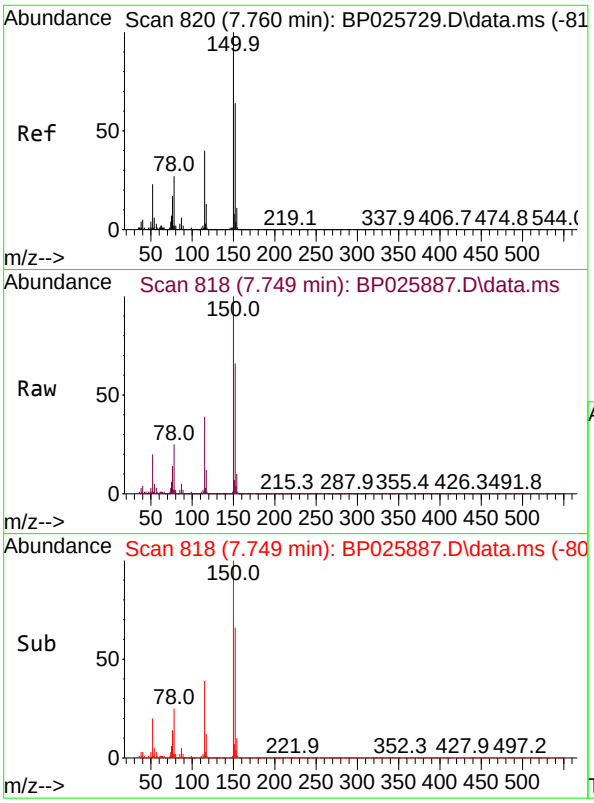
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025887.D
Acq On : 29 Sep 2025 19:11
Operator : CG/JU
Sample : Q3220-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Quant Time: Sep 30 05:08:32 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



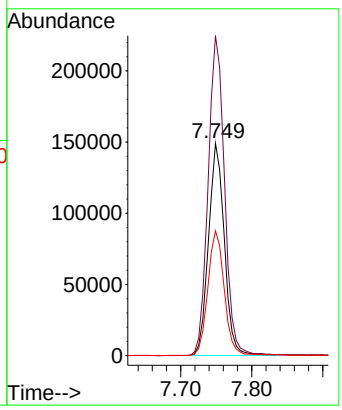


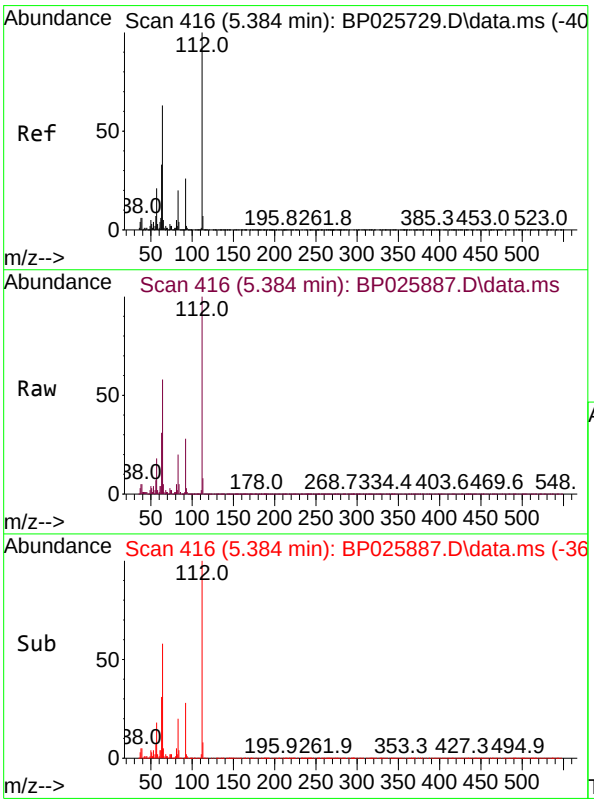
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion:152 Resp: 232456

Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.3	186.5
115	58.8	50.3	75.5

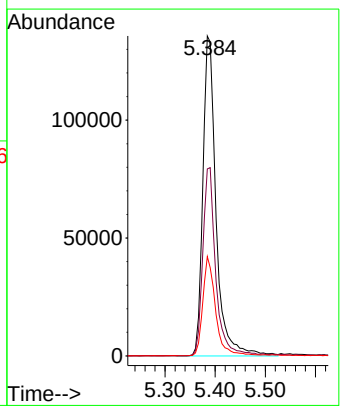


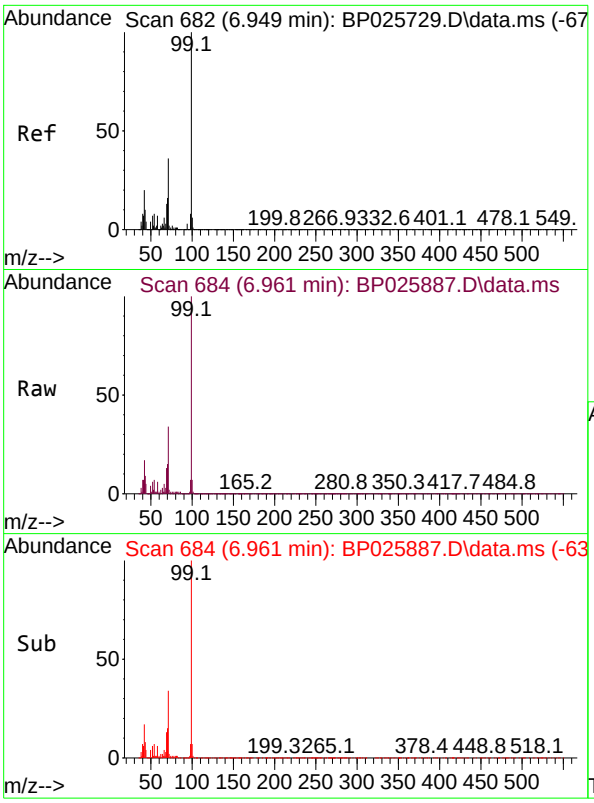


#5
2-Fluorophenol
Concen: 17.277 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:112 Resp: 248900

Ion	Ratio	Lower	Upper
112	100		
64	58.4	50.2	75.4
63	31.0	26.7	40.1



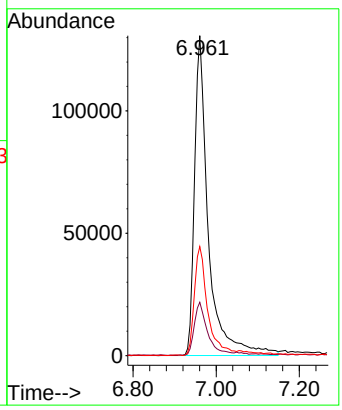


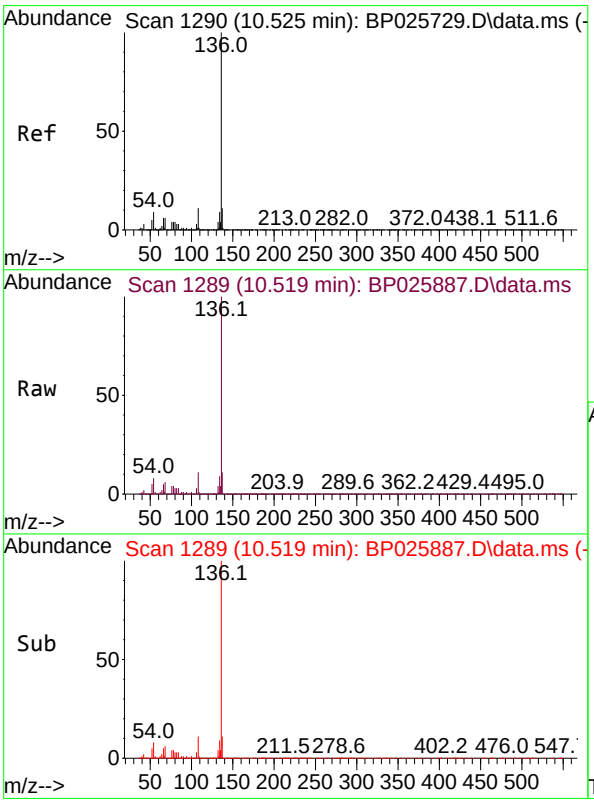
#7
Phenol-d6
Concen: 15.750 ng
RT: 6.961 min Scan# 68
Delta R.T. 0.012 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion: 99 Resp: 301595

Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.6	23.4
71	34.1	28.6	43.0

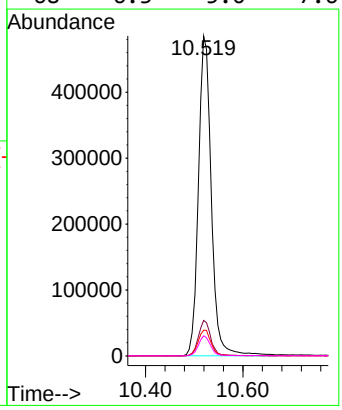


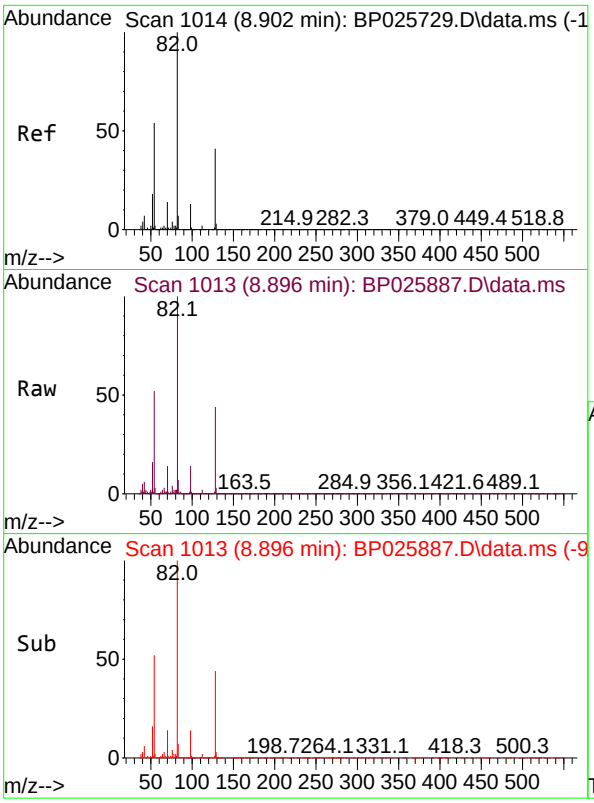


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:136 Resp: 891267

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.0	7.5	11.3
68	6.3	5.0	7.6



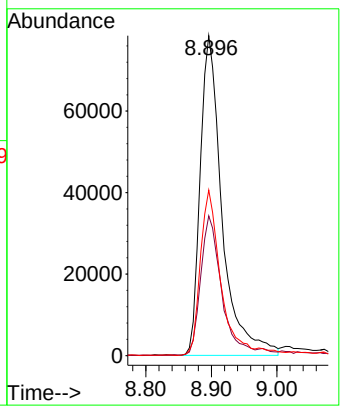


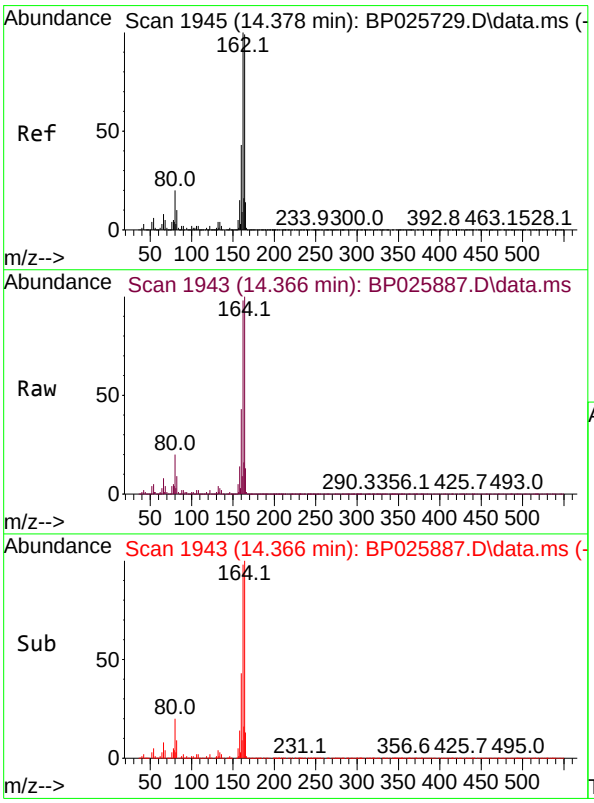
#23
Nitrobenzene-d5
Concen: 8.975 ng
RT: 8.896 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion: 82 Resp: 181341

Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.9	49.3
54	51.7	43.4	65.2

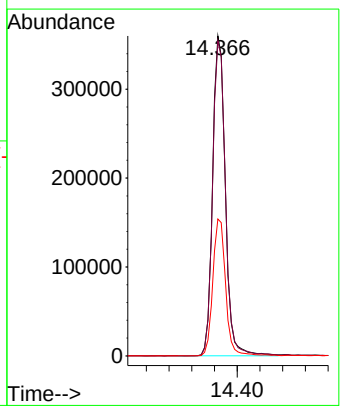


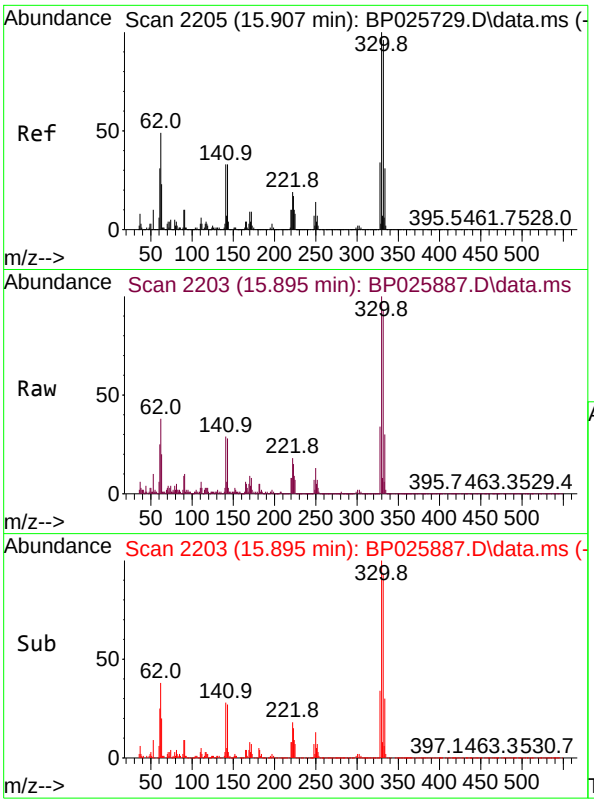


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.366 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:164 Resp: 559970

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.6	120.8
160	42.8	35.0	52.6



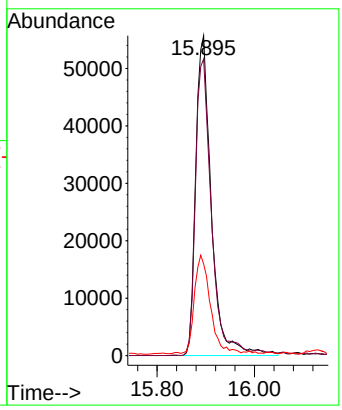


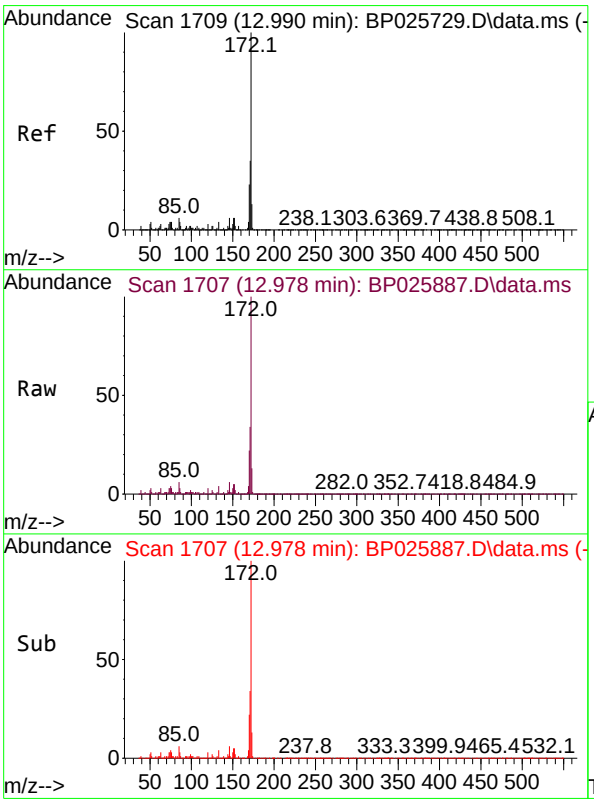
#42
2,4,6-Tribromophenol
Concen: 17.791 ng
RT: 15.895 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion:330 Resp: 124262

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.9	115.3
141	30.7	31.0	46.4#

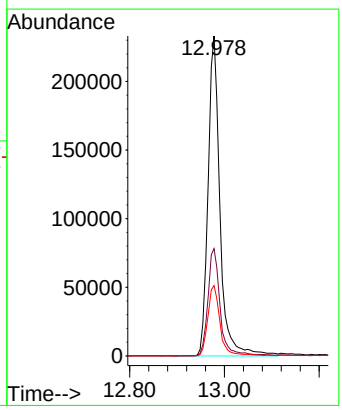


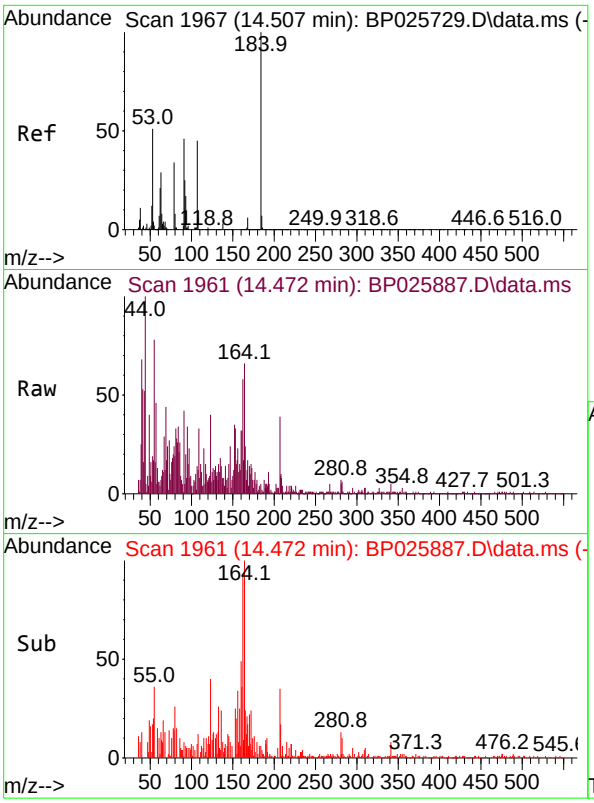


#45
2-Fluorobiphenyl
Concen: 9.693 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:172 Resp: 407634

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.8	41.6
170	22.0	18.6	27.8



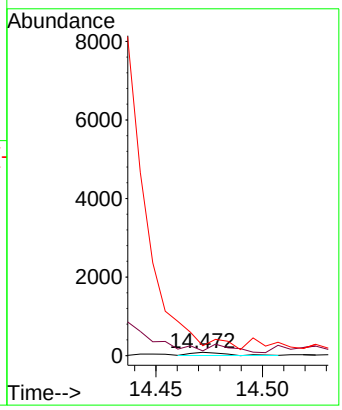


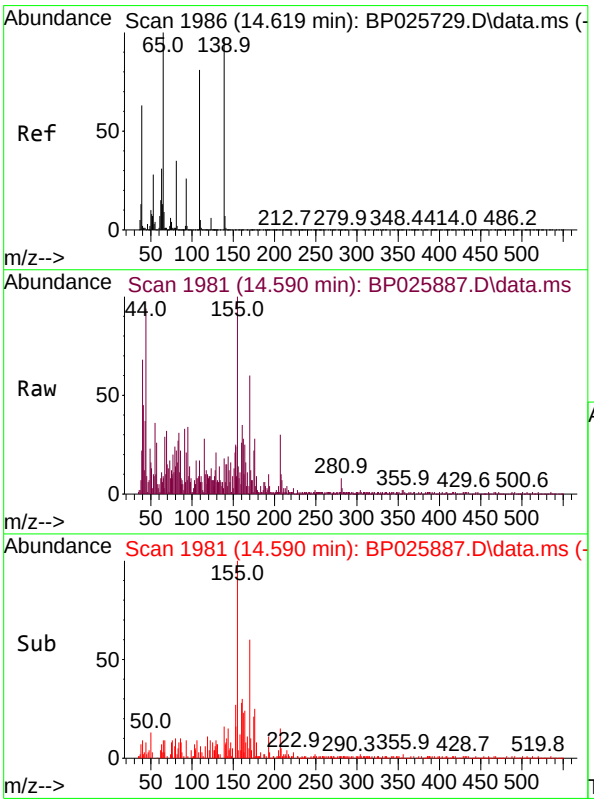
#54
2,4-Dinitrophenol
Concen: 4.840 ng
RT: 14.472 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion:184 Resp: 95

Ion	Ratio	Lower	Upper
184	100		
63	146.3	52.5	78.7#
154	308.5	51.5	77.3#

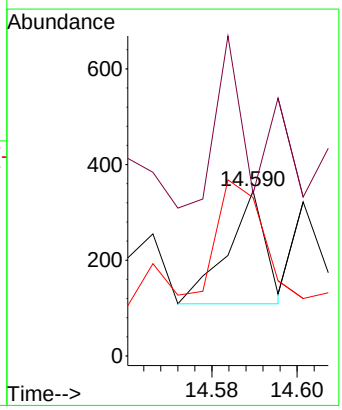


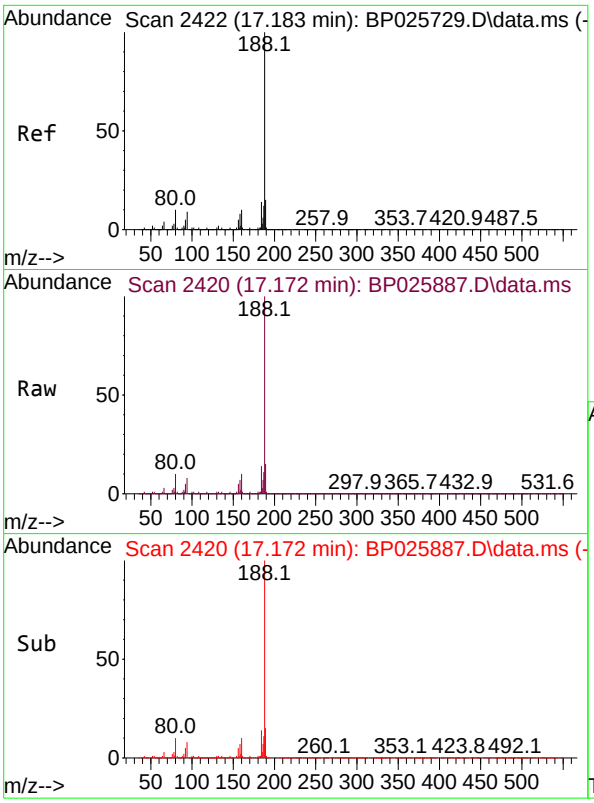


#56
4-Nitrophenol
Concen: 4.499 ng
RT: 14.590 min Scan# 1981
Delta R.T. -0.029 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:139 Resp: 146

Ion	Ratio	Lower	Upper
139	100		
109	98.3	62.9	102.9
65	95.9	83.4	123.4



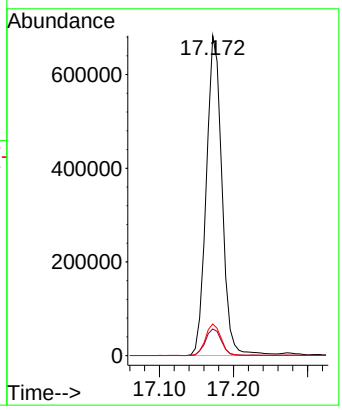


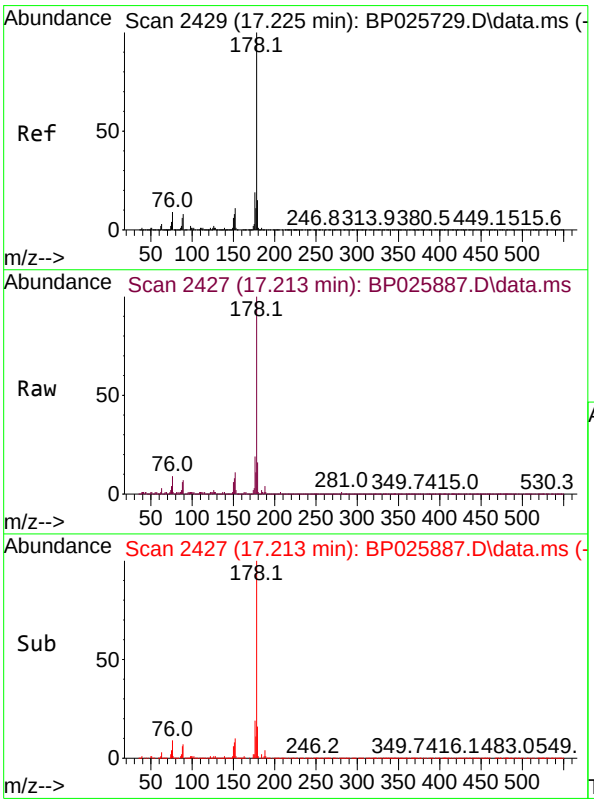
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion:188 Resp: 1002405

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.0
80	9.9	7.7	11.5

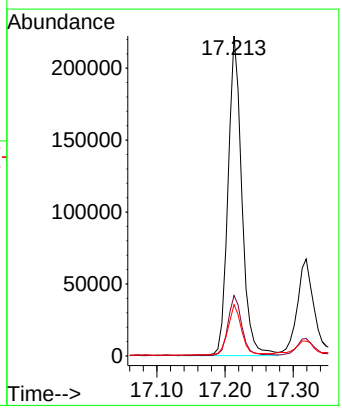


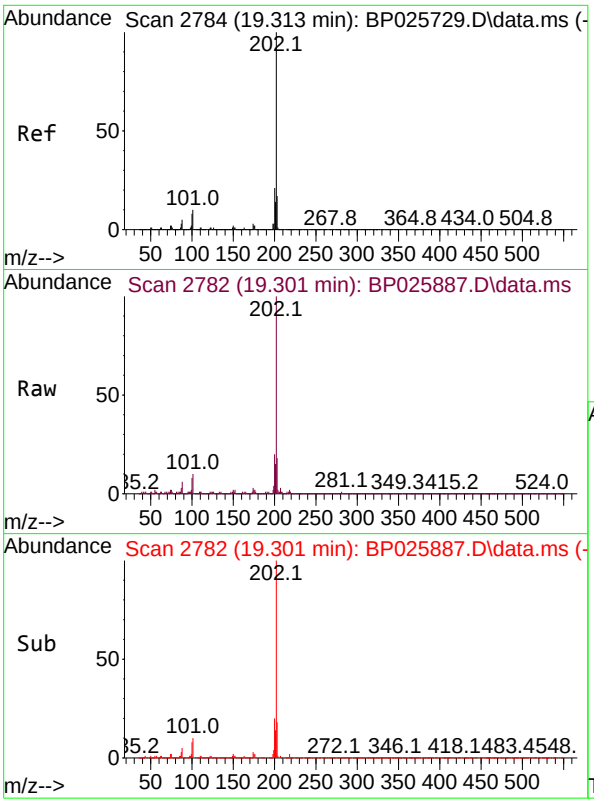


#71
Phenanthrene
Concen: 5.470 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:178 Resp: 311041

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.0	12.2	18.4



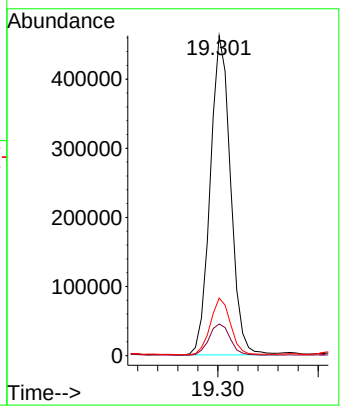


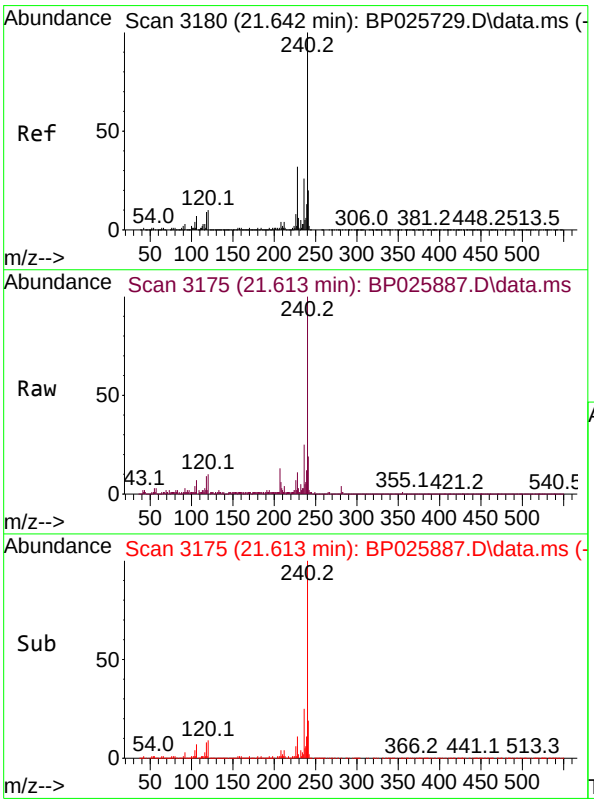
#75
Fluoranthene
Concen: 9.548 ng
RT: 19.301 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion:202 Resp: 651154

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.4
203	18.0	0.0	37.4

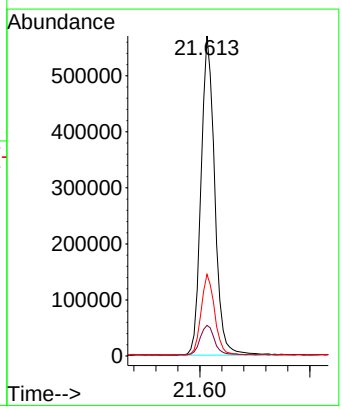


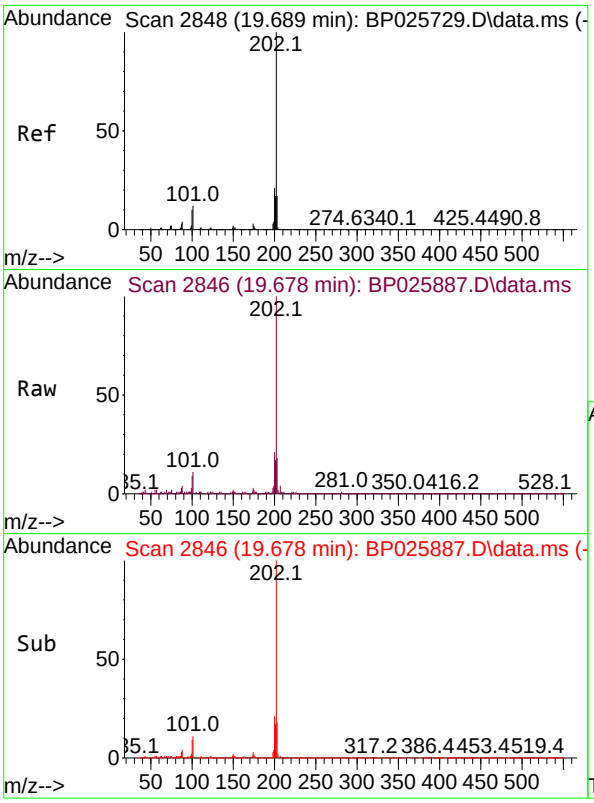


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.029 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:240 Resp: 984467

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.0	12.0
236	25.5	20.7	31.1



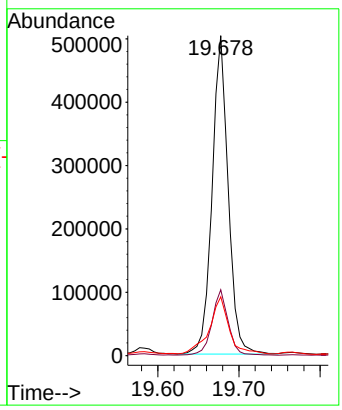


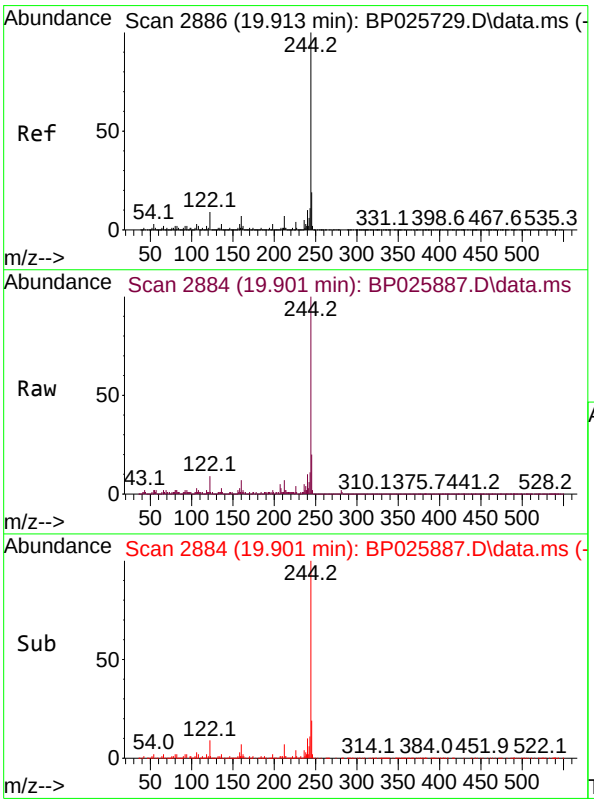
#78
Pyrene
Concen: 10.560 ng
RT: 19.678 min Scan# 28
Delta R.T. -0.012 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion:202 Resp: 693641

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	18.4	13.9	20.9

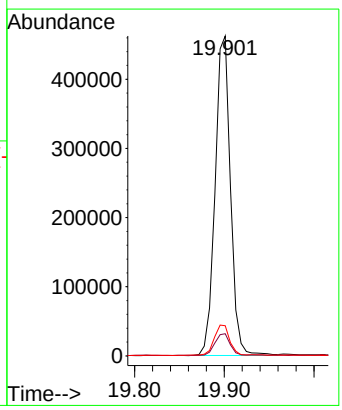


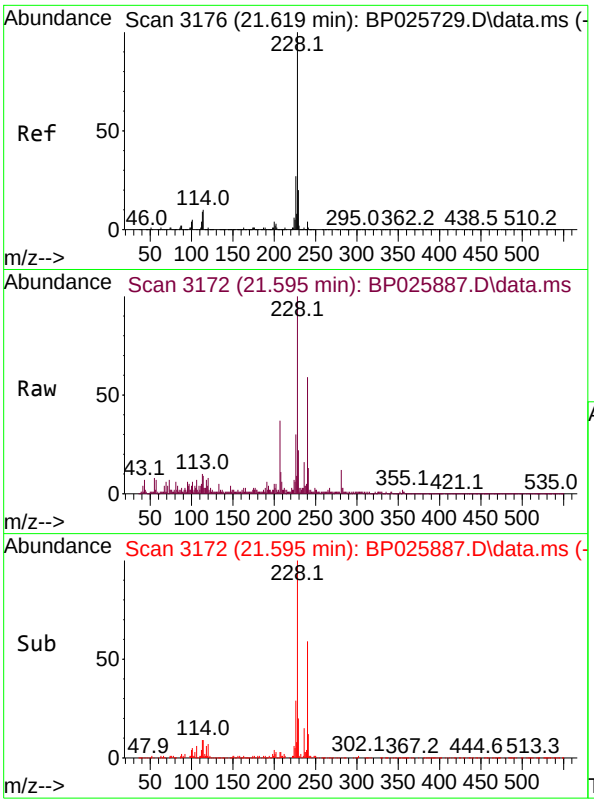


#79
Terphenyl-d14
Concen: 10.125 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:244 Resp: 554052

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.4	7.1	10.7



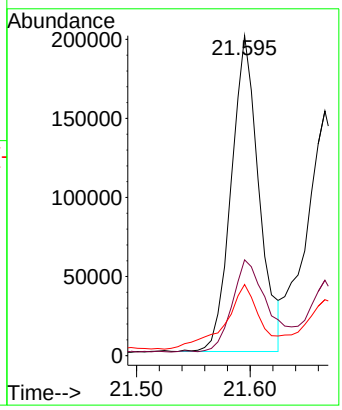


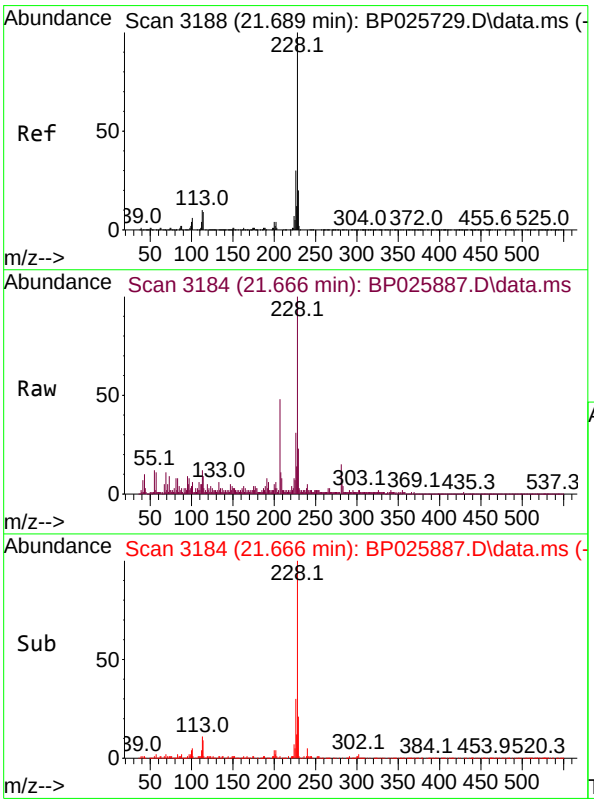
#81
Benzo(a)anthracene
Concen: 5.031 ng
RT: 21.595 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion:228 Resp: 339050

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.6	32.4
229	22.2	15.7	23.5

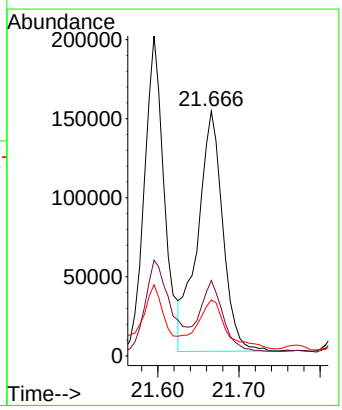


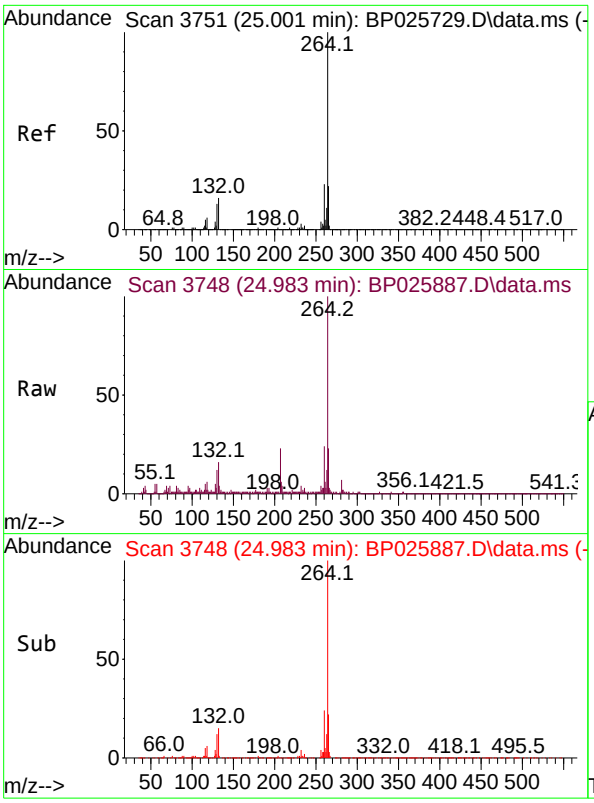


#83
Chrysene
Concen: 5.105 ng
RT: 21.666 min Scan# 3184
Delta R.T. -0.023 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:228 Resp: 328006

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	22.8	15.6	23.4



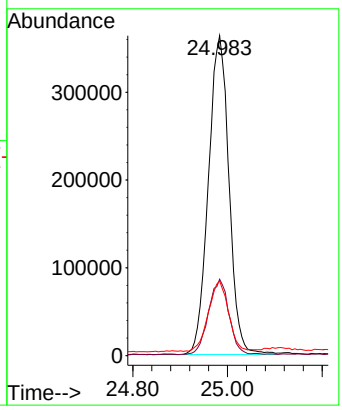


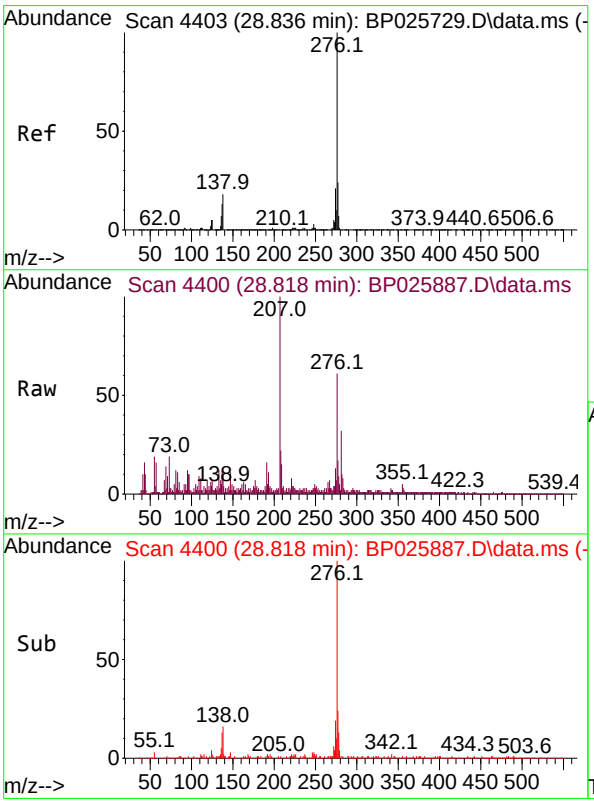
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion:264 Resp: 1096841

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	23.3	17.3	25.9

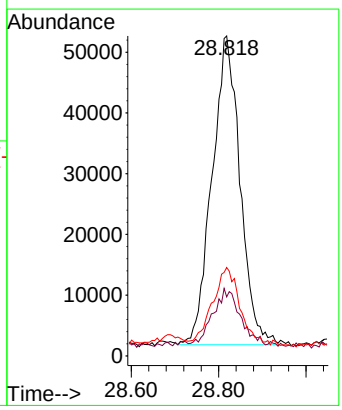


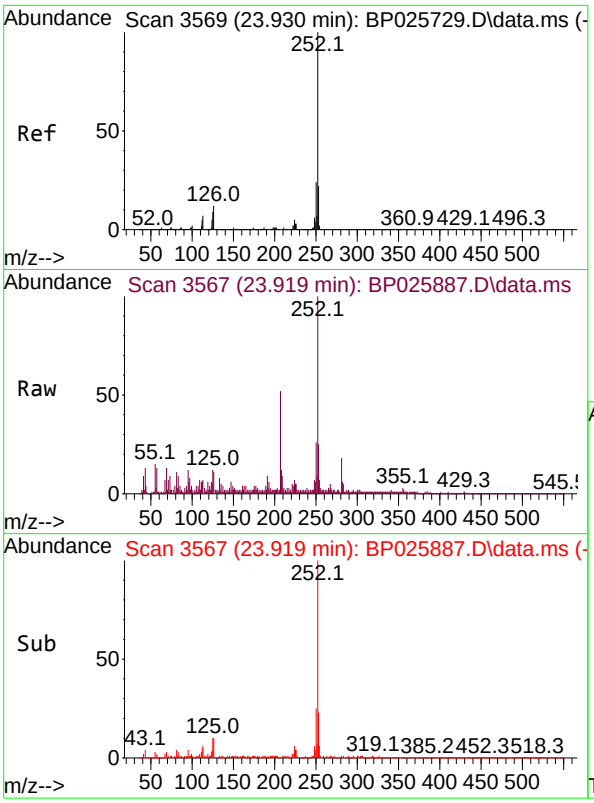


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.841 ng
RT: 28.818 min Scan# 4400
Delta R.T. -0.018 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:276 Resp: 226622

Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.4	20.2
277	24.6	9.1	13.7#



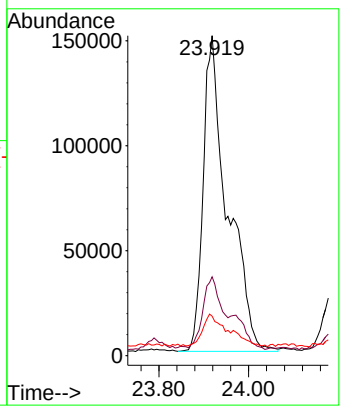


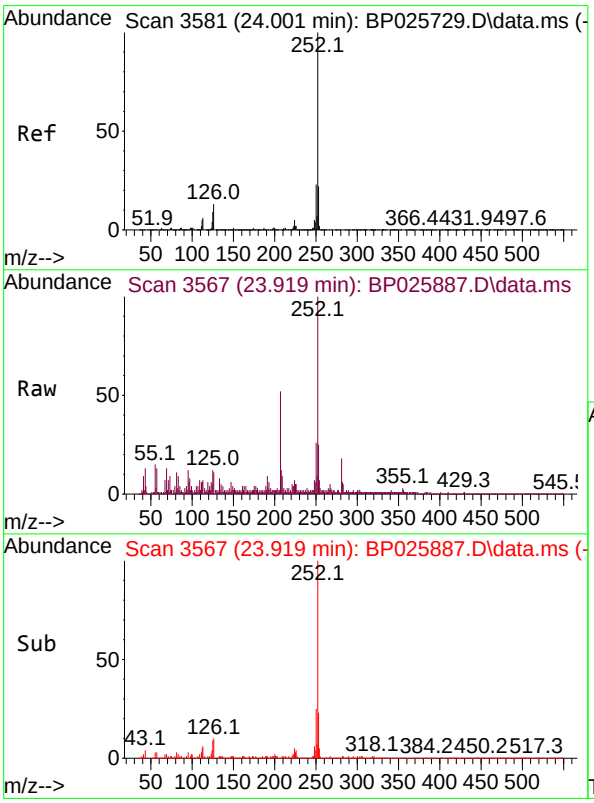
#88
Benzo(b)fluoranthene
Concen: 8.433 ng
RT: 23.919 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion:252 Resp: 565630

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	12.3	7.3	10.9#

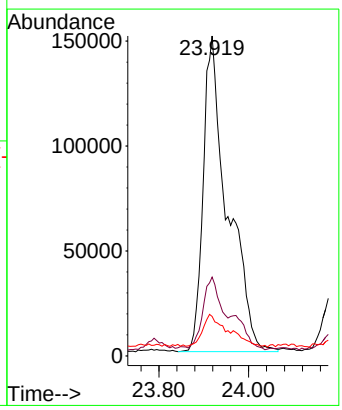


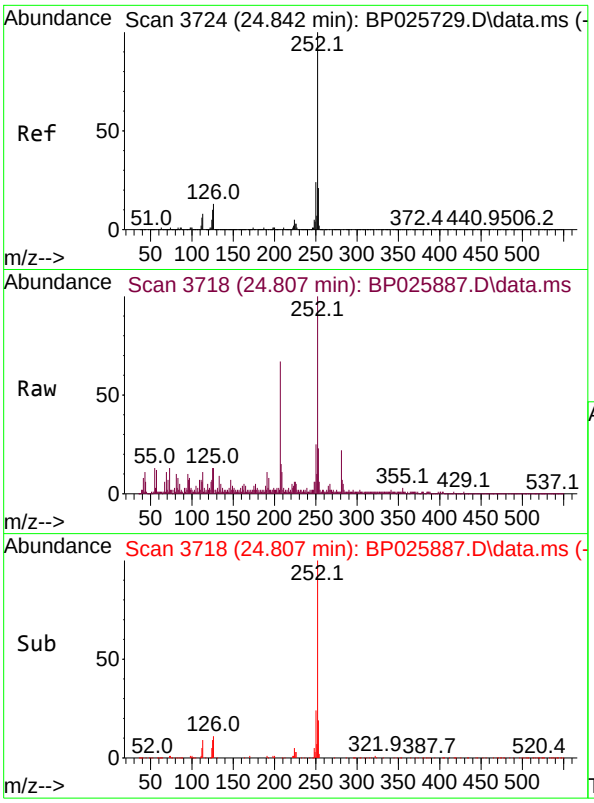


#89
Benzo(k)fluoranthene
Concen: 8.264 ng
RT: 23.919 min Scan# 3567
Delta R.T. -0.082 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:252 Resp: 565630

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	12.3	7.5	11.3#



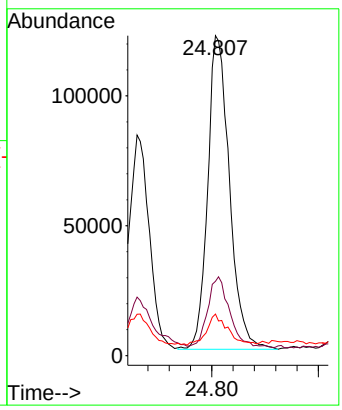


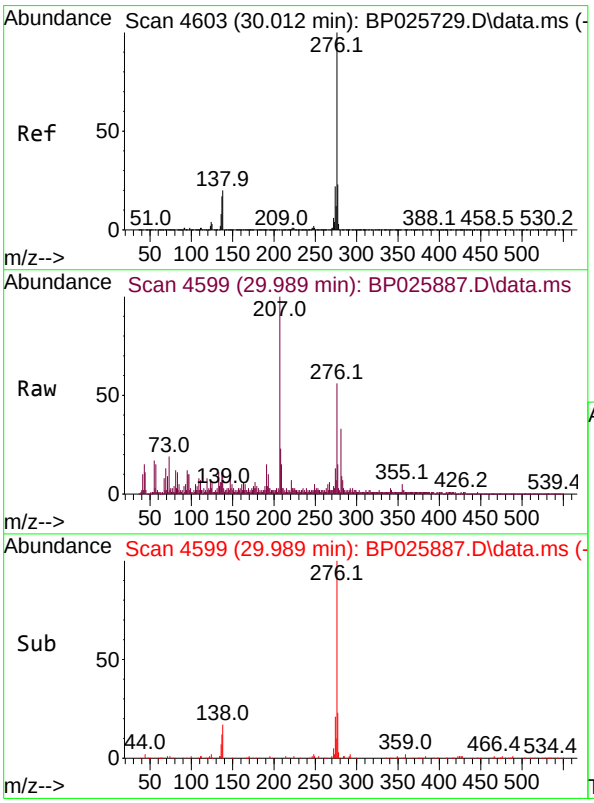
#90
Benzo(a)pyrene
Concen: 5.218 ng
RT: 24.807 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Instrument :
BNA_P
ClientSampleId :
OR-03-092625

Tgt Ion:252 Resp: 342718

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	13.0	8.3	12.5#





#92
Benzo(g,h,i)perylene
Concen: 3.743 ng
RT: 29.989 min Scan# 4599
Delta R.T. -0.023 min
Lab File: BP025887.D
Acq: 29 Sep 2025 19:11

Tgt Ion:276 Resp: 240276

Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.7	28.1
138	20.1	16.0	24.0