Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025821.D
Acq On : 22 Sep 2025 20:34
Operator : CG/JU
Sample : Q3137-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Quant Time: Sep 23 01:05:28 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	7.755	152	178768	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	680959	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	404122	20.000	ng		0.00
64) Phenanthrene-d10	17.178	188	767836	20.000	ng		0.00
76) Chrysene-d12	21.625	240	779439	20.000	ng		-0.02
86) Perylene-d12	24.989	264	894351	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	181412	16.374	ng		0.00
7) Phenol-d6	6.972	99	211360	14.353	ng		0.02
23) Nitrobenzene-d5	8.902	82	135850	8.800	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	73607	14.603	ng		0.00
45) 2-Fluorobiphenyl	12.984	172	304789	10.042	ng		0.00
79) Terphenyl-d14	19.901	244	465212	10.737	ng		-0.01
Target Compounds							Qvalue
49) Acenaphthylene	14.096	152	82490	2.132	ng		97
58) Fluorene	15.443	166	86050	2.975	ng		97
71) Phenanthrene	17.225	178	1138381	26.136	ng		99
72) Anthracene	17.319	178	352850	7.984	ng		99
75) Fluoranthene	19.313	202	2186953	41.865	ng		99
78) Pyrene	19.695	202	2261959	43.492	ng		99
81) Benzo(a)anthracene	21.601	228	1214464	22.759	ng		98
83) Chrysene	21.677	228	1037554	20.397	ng		97
87) Indeno(1,2,3-cd)pyrene	28.824	276	789871	12.145	ng	#	82
88) Benzo(b)fluoranthene	23.930	252	1576154	28.819	ng		98
89) Benzo(k)fluoranthene	23.989	252	481234m	8.623	ng		
90) Benzo(a)pyrene	24.824	252	1189858	22.216	ng		97
91) Dibenzo(a,h)anthracene	28.889	278	202969	3.814	ng	#	81
92) Benzo(g,h,i)perylene	30.012	276	773519	14.778	ng		99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025821.D
Acq On : 22 Sep 2025 20:34
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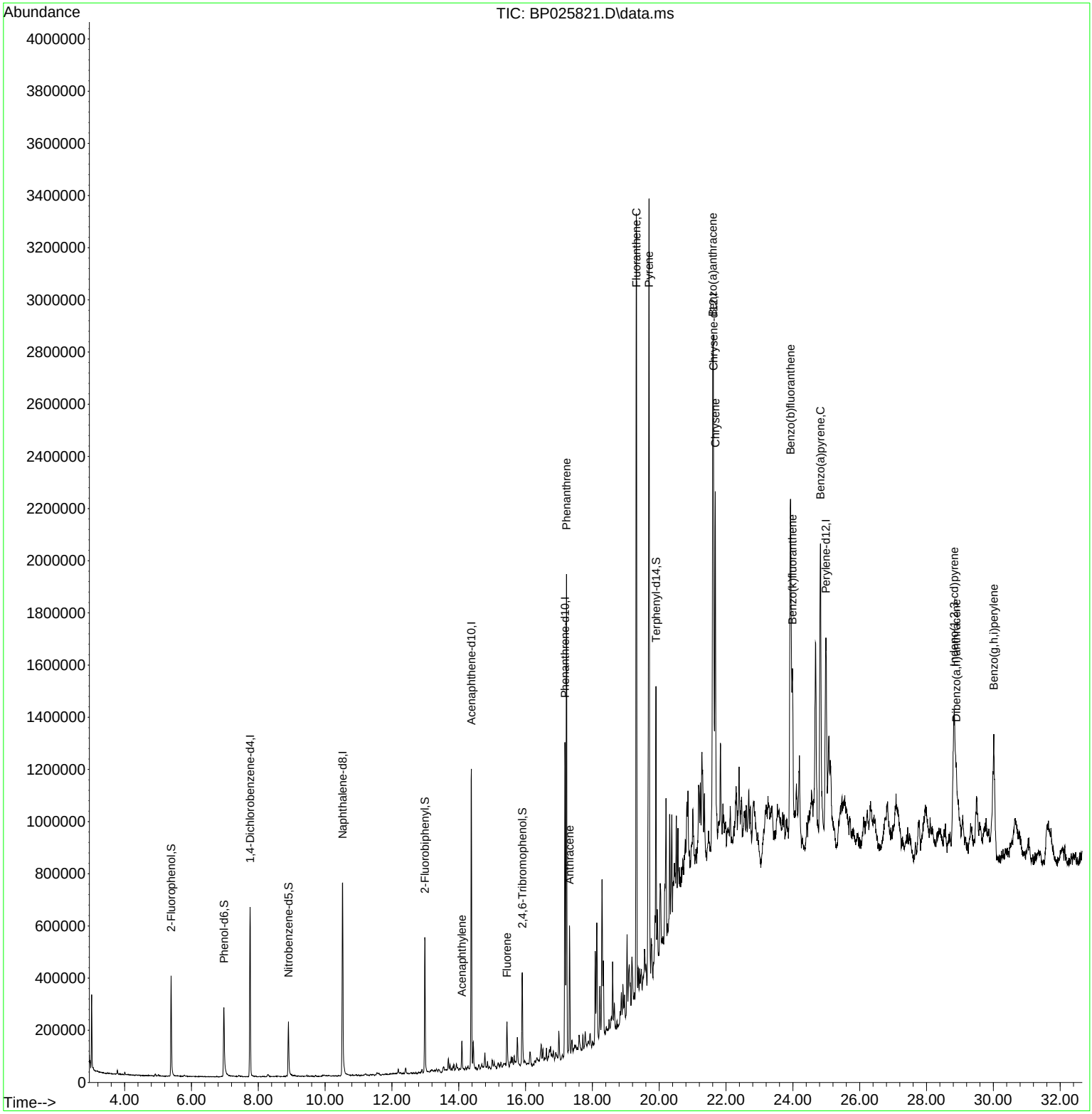
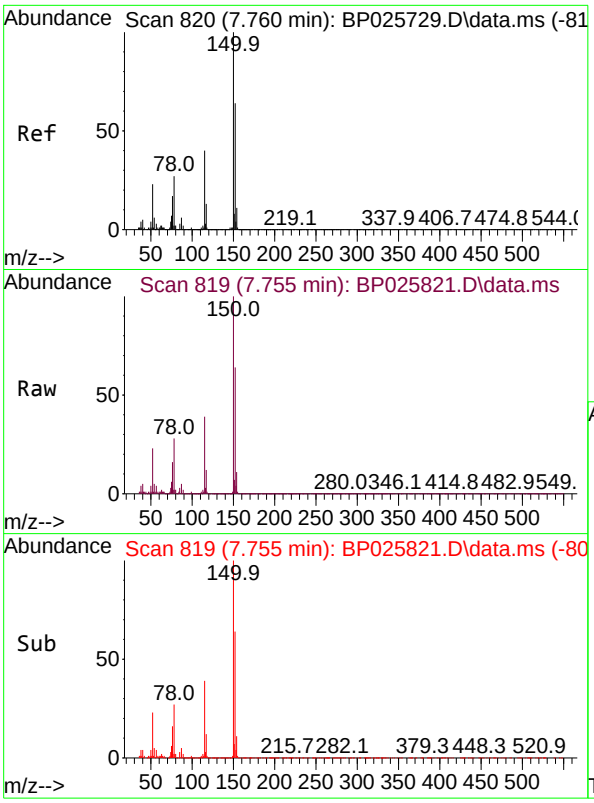
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Quant Time: Sep 23 01:05:28 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



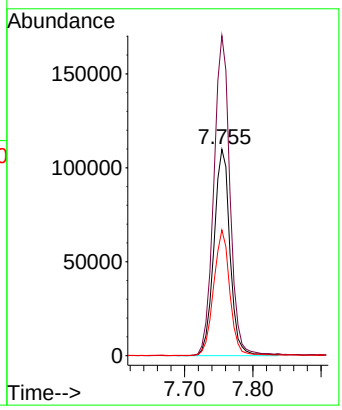


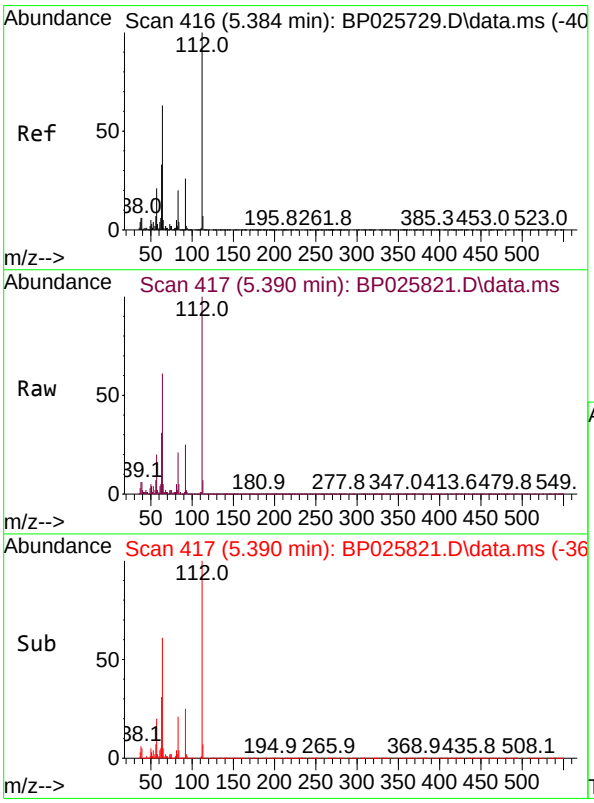
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:152 Resp: 178768

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.3	186.5
115	60.9	50.3	75.5

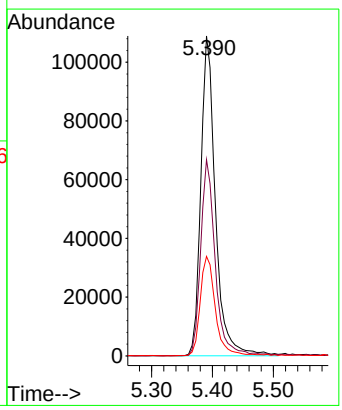


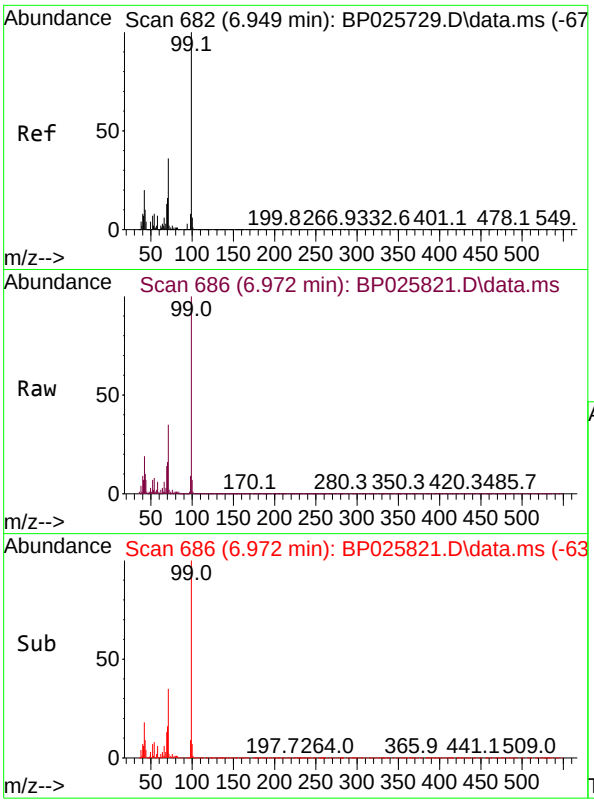


#5
2-Fluorophenol
Concen: 16.374 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:112 Resp: 181412

Ion	Ratio	Lower	Upper
112	100		
64	61.3	50.2	75.4
63	31.1	26.7	40.1



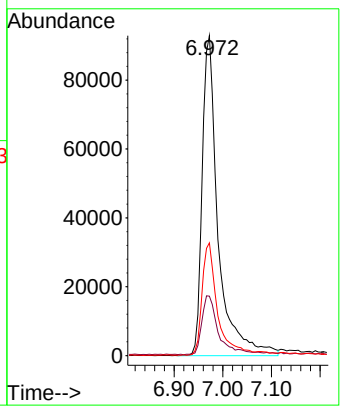


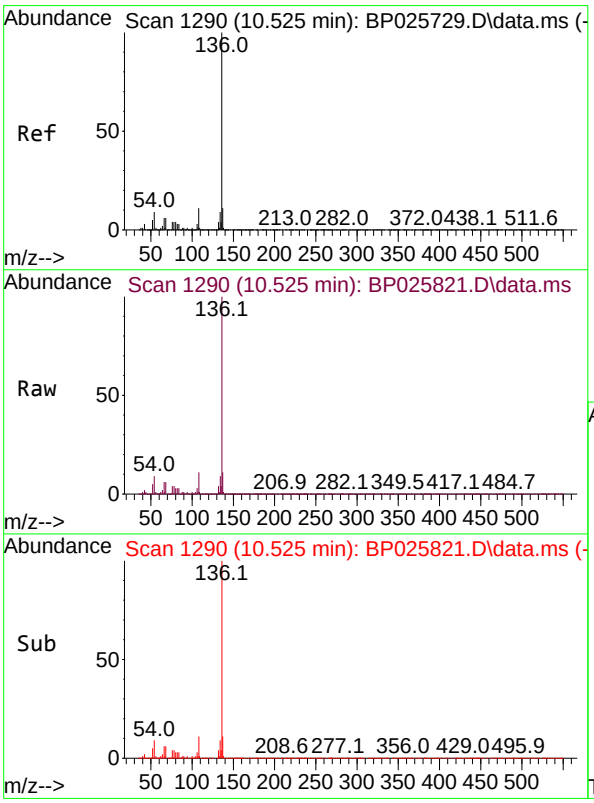
#7
Phenol-d6
Concen: 14.353 ng
RT: 6.972 min Scan# 68
Delta R.T. 0.024 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion: 99 Resp: 211360

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.6	23.4
71	35.2	28.6	43.0

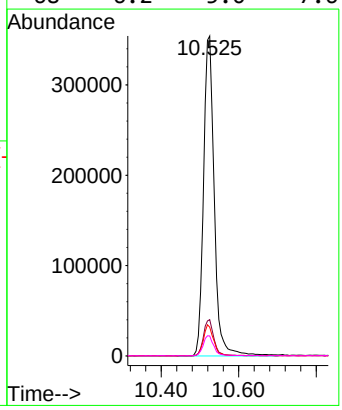


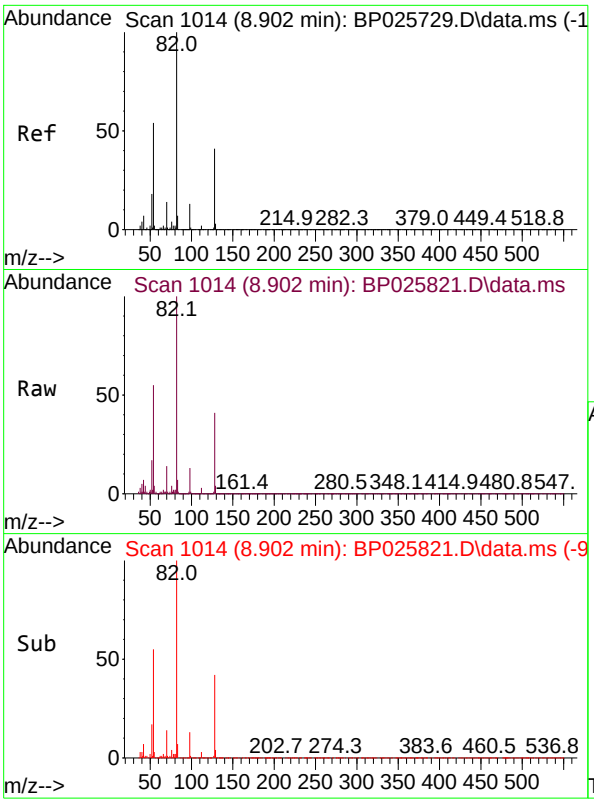


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:136 Resp: 680959

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.0	7.5	11.3
68	6.2	5.0	7.6



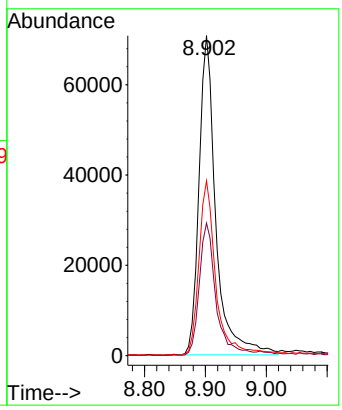


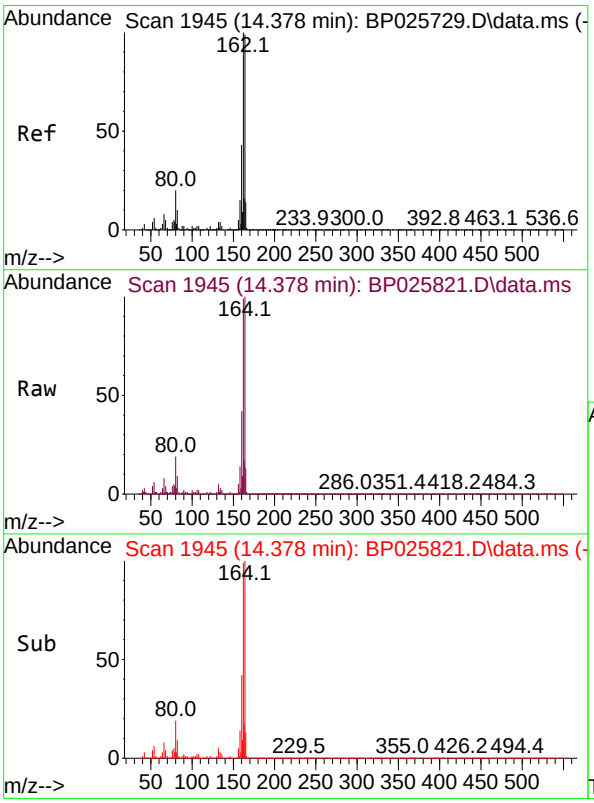
#23
Nitrobenzene-d5
Concen: 8.800 ng
RT: 8.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion: 82 Resp: 135850

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.9	49.3
54	54.6	43.4	65.2

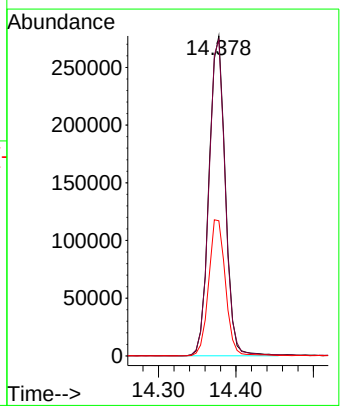


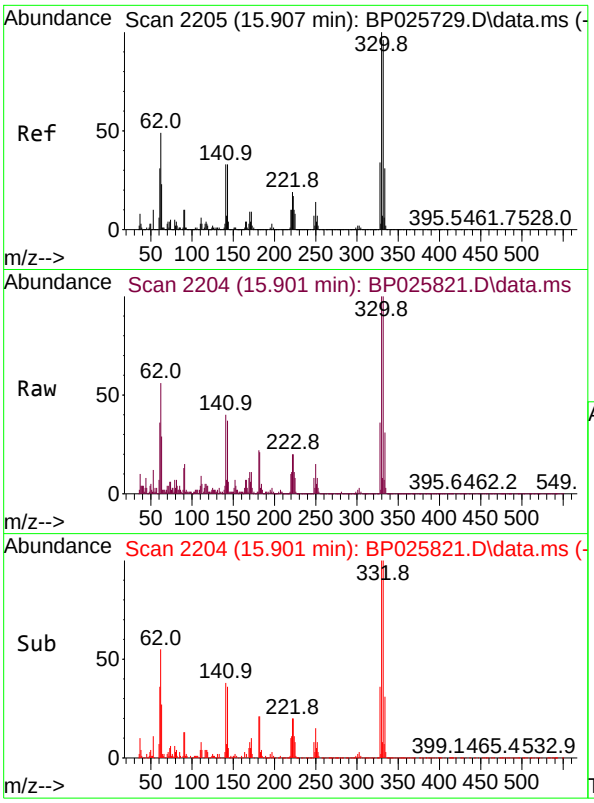


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:164 Resp: 404122

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	120.8
160	42.2	35.0	52.6



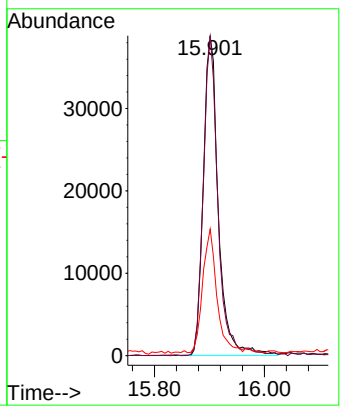


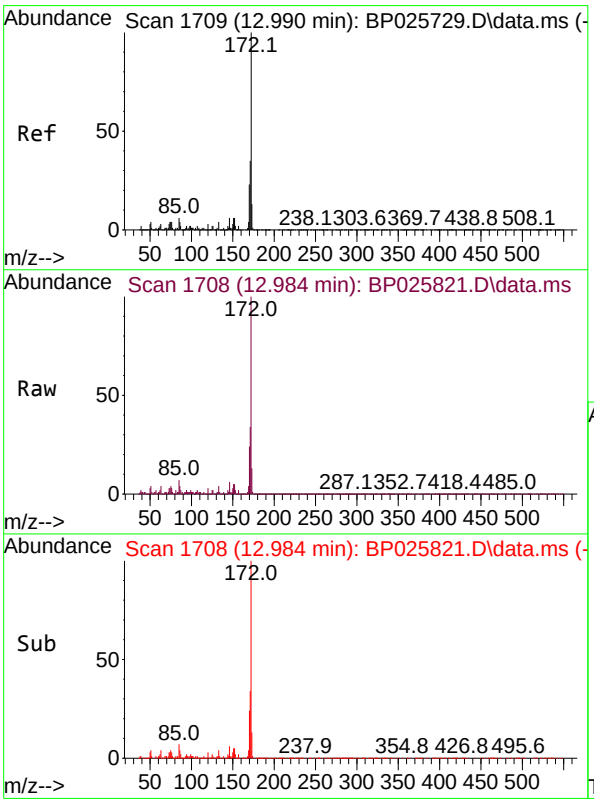
#42
2,4,6-Tribromophenol
Concen: 14.603 ng
RT: 15.901 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:330 Resp: 73607

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	35.8	31.0	46.4

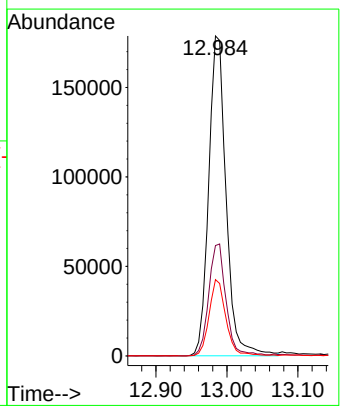


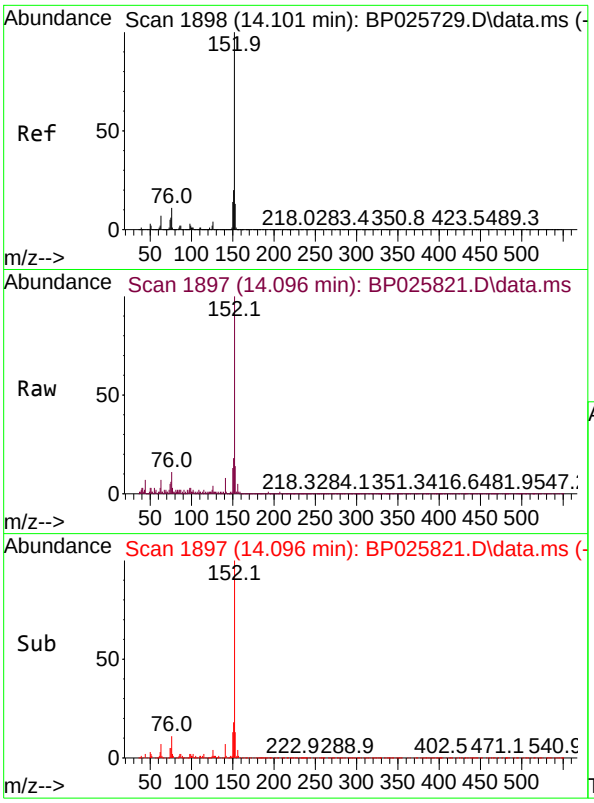


#45
2-Fluorobiphenyl
Concen: 10.042 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:172 Resp: 304789

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.8	18.6	27.8



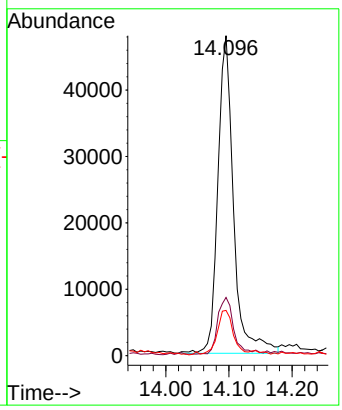


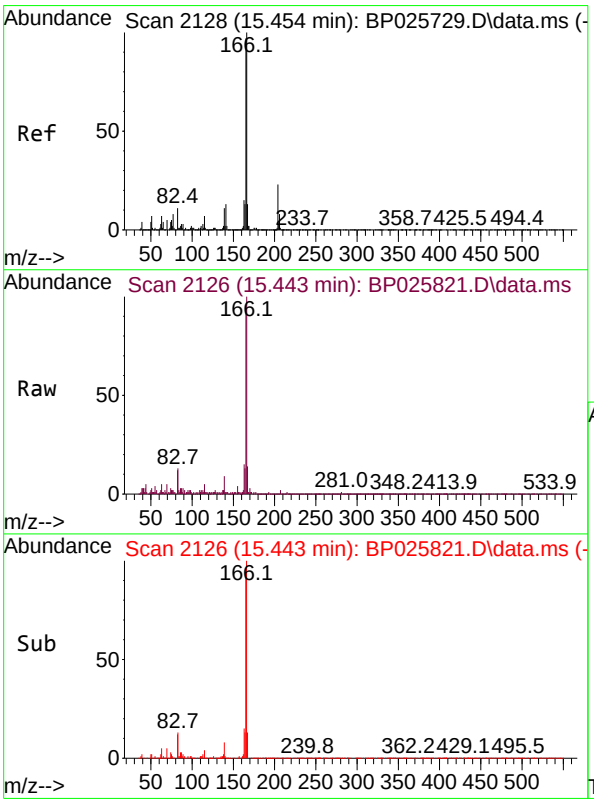
#49
Acenaphthylene
Concen: 2.132 ng
RT: 14.096 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:152 Resp: 82490

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.8	23.6
153	14.1	10.5	15.7

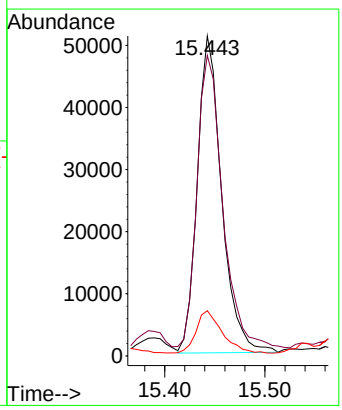


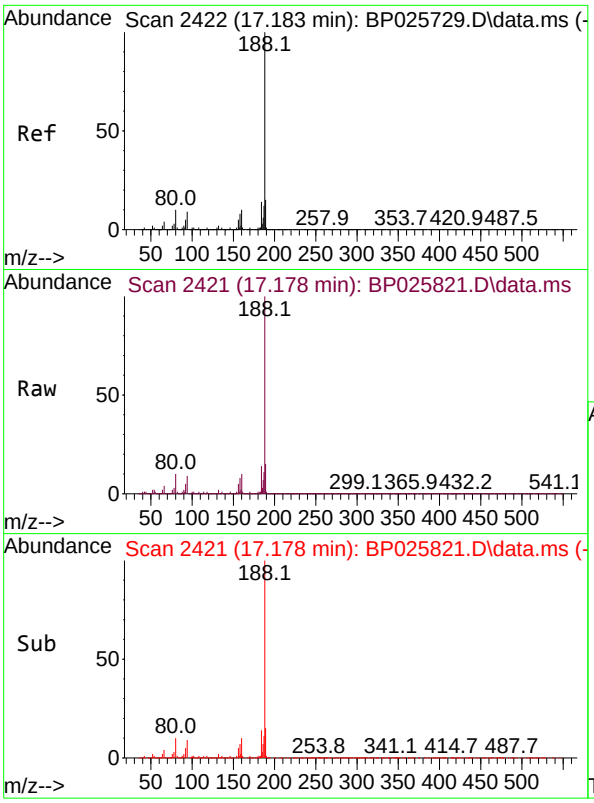


#58
Fluorene
Concen: 2.975 ng
RT: 15.443 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:166 Resp: 86050

Ion	Ratio	Lower	Upper
166	100		
165	93.9	77.7	116.5
167	14.1	10.6	16.0



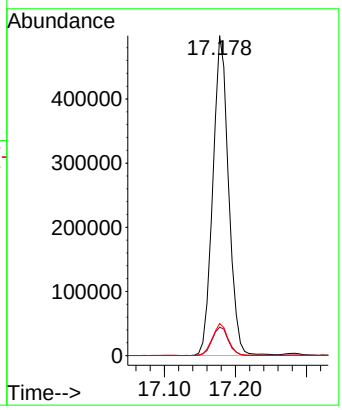


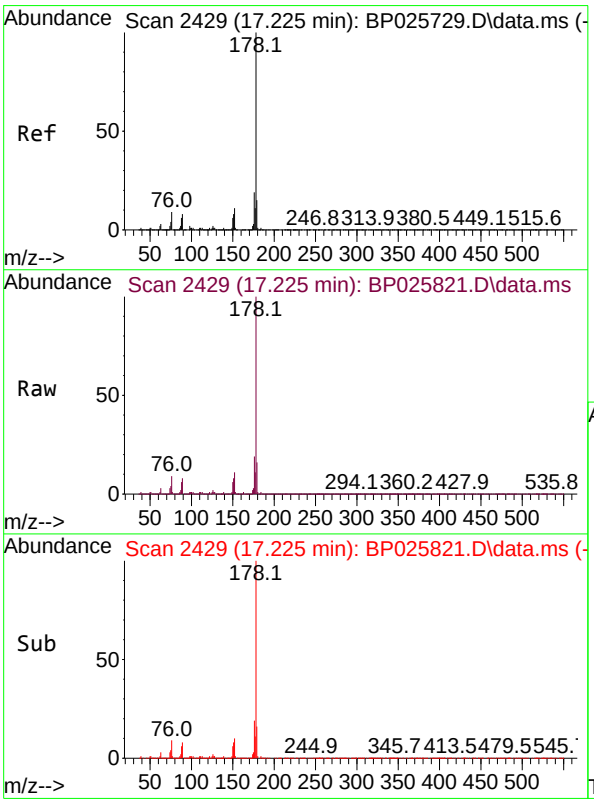
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:188 Resp: 767836

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.0
80	10.0	7.7	11.5

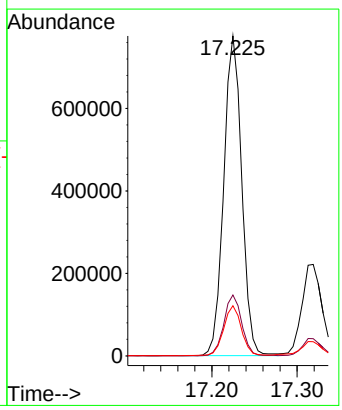


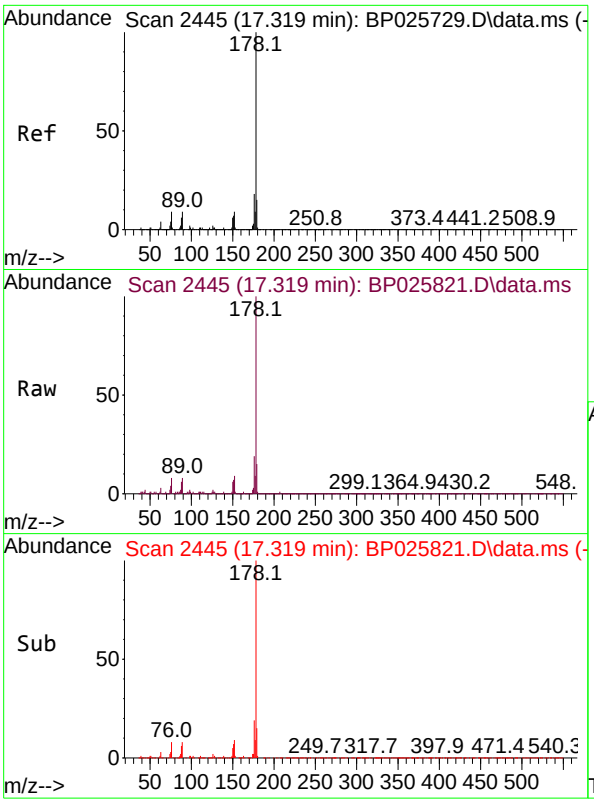


#71
Phenanthrene
Concen: 26.136 ng
RT: 17.225 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:178 Resp: 1138381

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.7	12.2	18.4



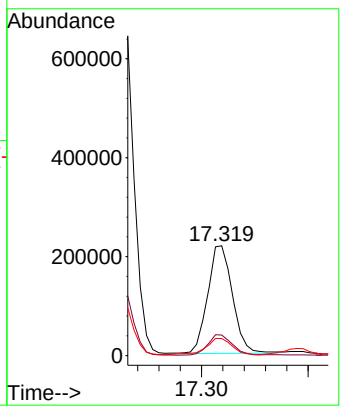


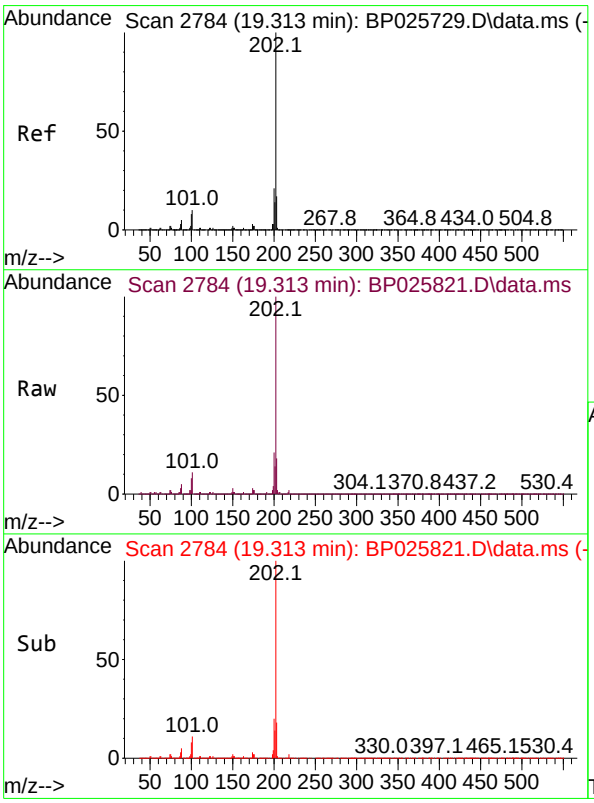
#72
Anthracene
Concen: 7.984 ng
RT: 17.319 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:178 Resp: 352850

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.5	12.2	18.4

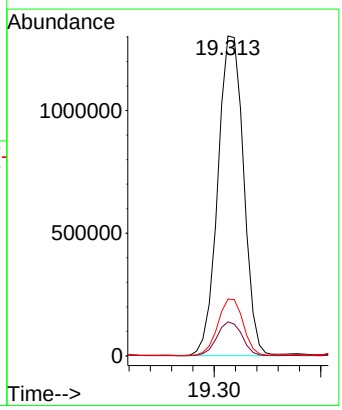


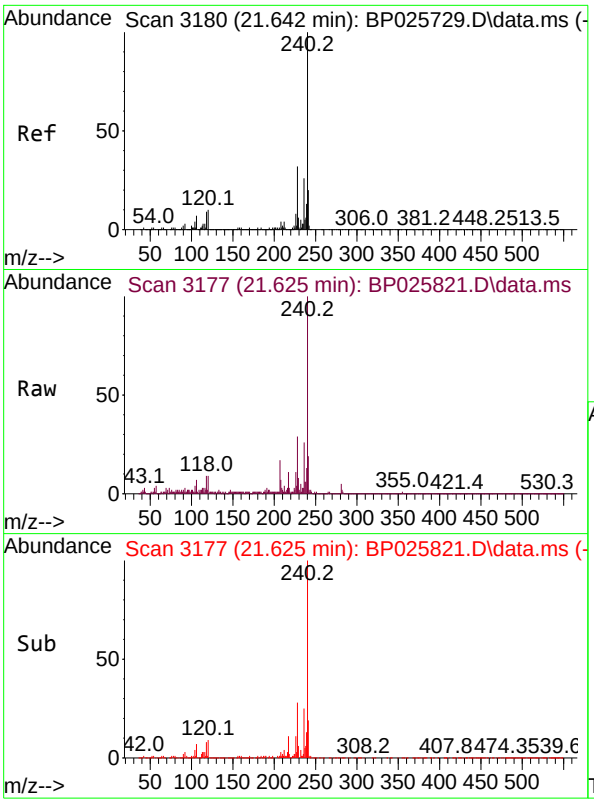


#75
Fluoranthene
Concen: 41.865 ng
RT: 19.313 min Scan# 2784
Delta R.T. 0.000 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:202 Resp: 2186953

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.4
203	17.7	0.0	37.4



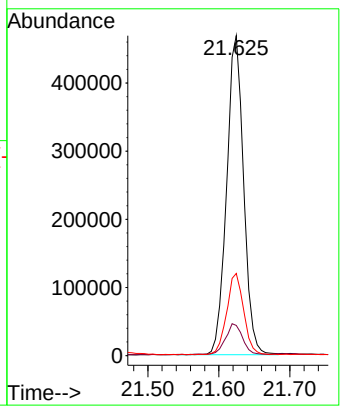


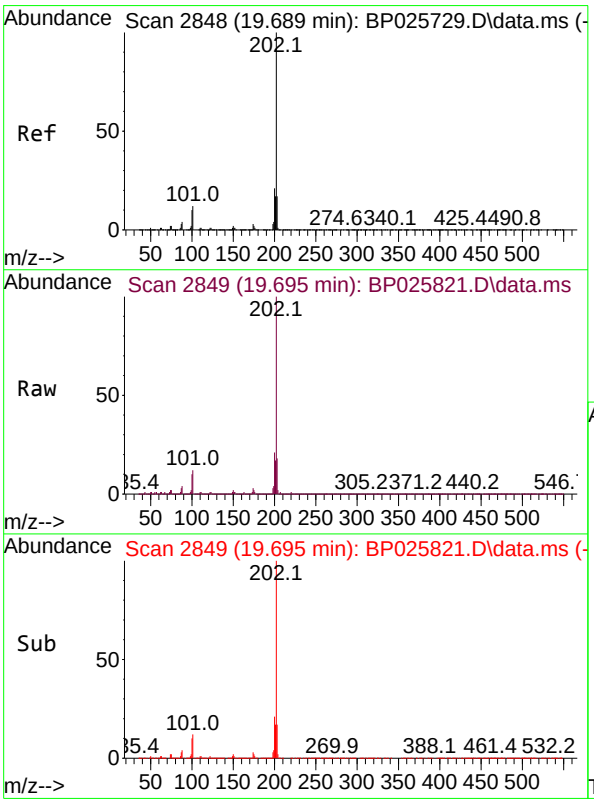
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:240 Resp: 779439

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.0	12.0
236	25.7	20.7	31.1

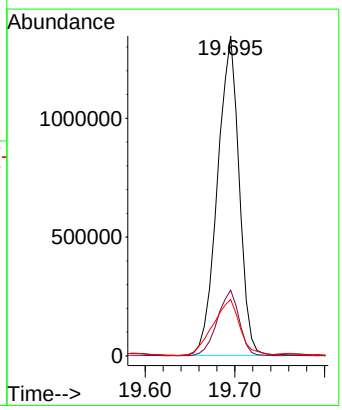


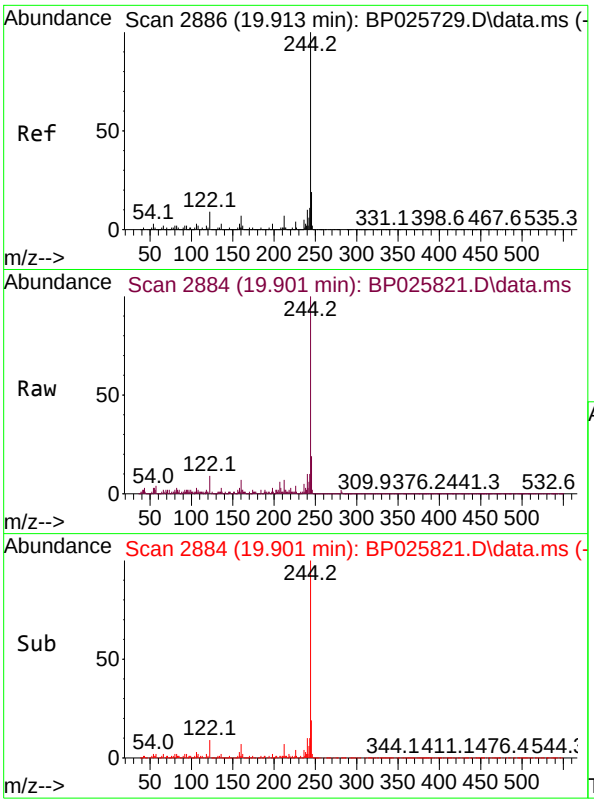


#78
Pyrene
Concen: 43.492 ng
RT: 19.695 min Scan# 2849
Delta R.T. 0.006 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:202 Resp: 2261959

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.6
203	17.6	13.9	20.9



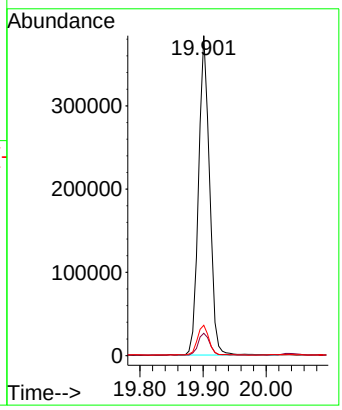


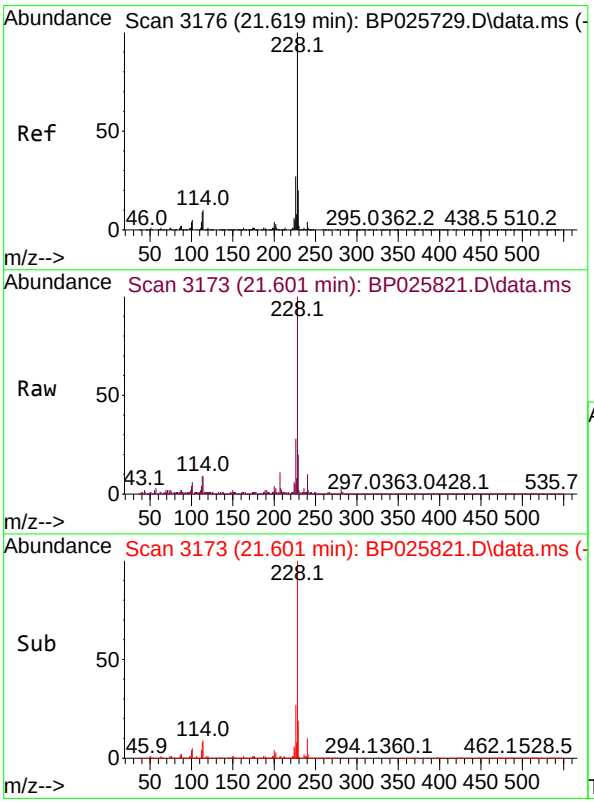
#79
Terphenyl-d14
Concen: 10.737 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:244 Resp: 465212

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	9.5	7.1	10.7

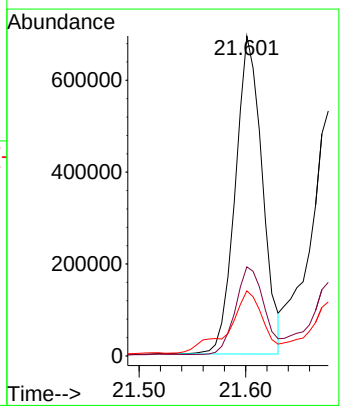


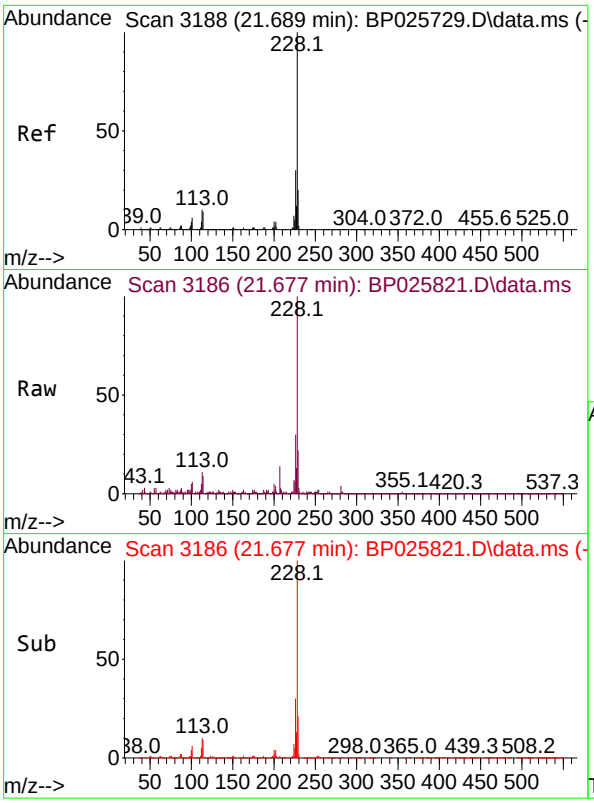


#81
Benzo(a)anthracene
Concen: 22.759 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:228 Resp: 1214464

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.6	32.4
229	20.3	15.7	23.5



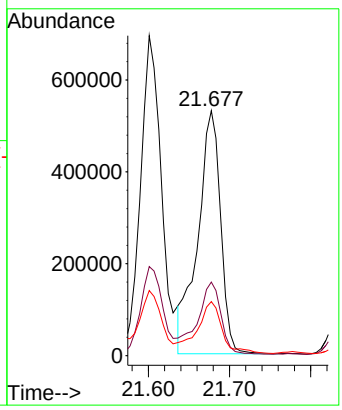


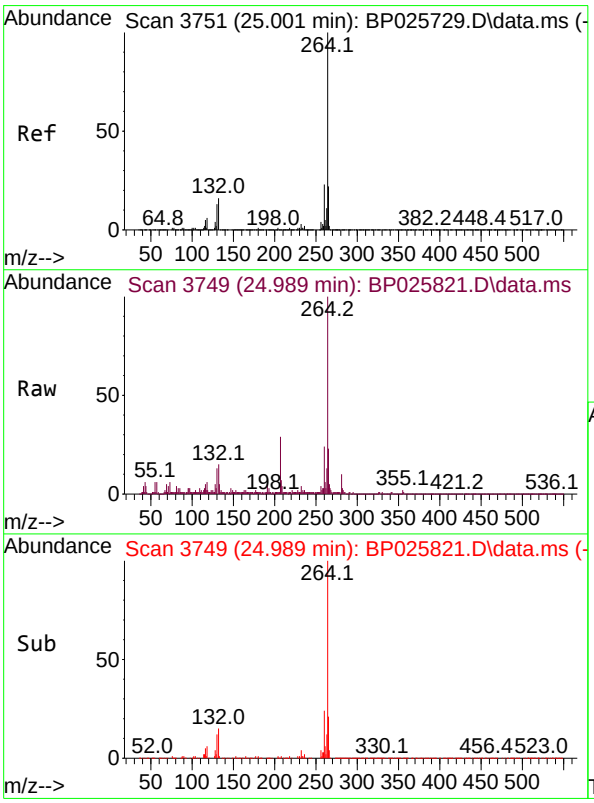
#83
Chrysene
Concen: 20.397 ng
RT: 21.677 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:228 Resp: 1037554

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	22.0	15.6	23.4

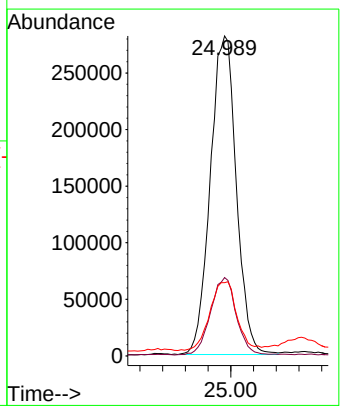


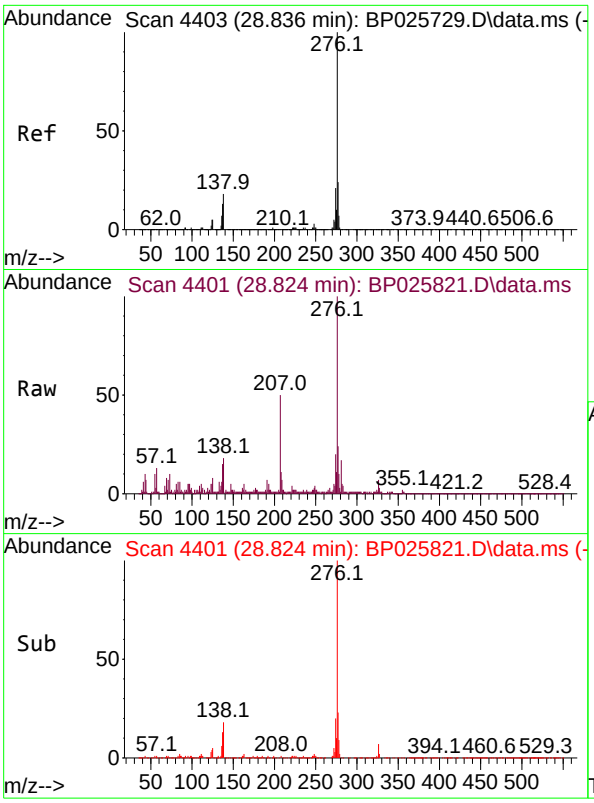


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.012 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:264 Resp: 894351

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.3	27.5
265	22.9	17.3	25.9



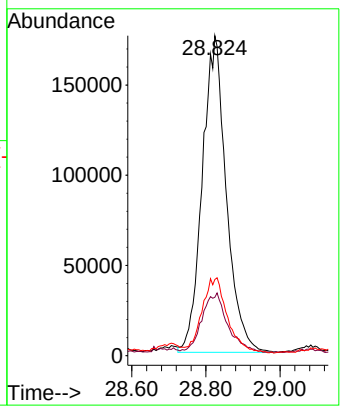


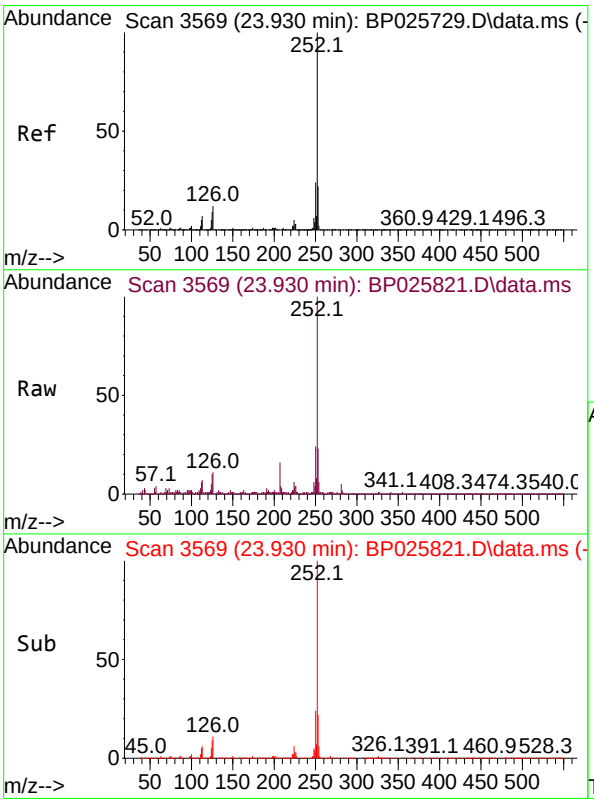
#87
Indeno(1,2,3-cd)pyrene
Concen: 12.145 ng
RT: 28.824 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:276 Resp: 789871

Ion	Ratio	Lower	Upper
276	100		
138	19.8	13.4	20.2
277	24.9	9.1	13.7#

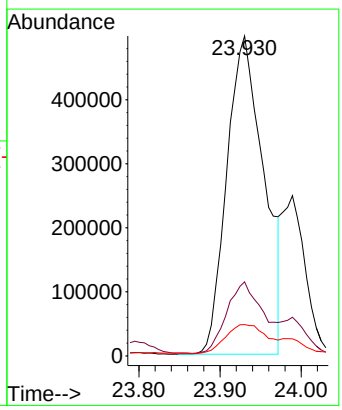


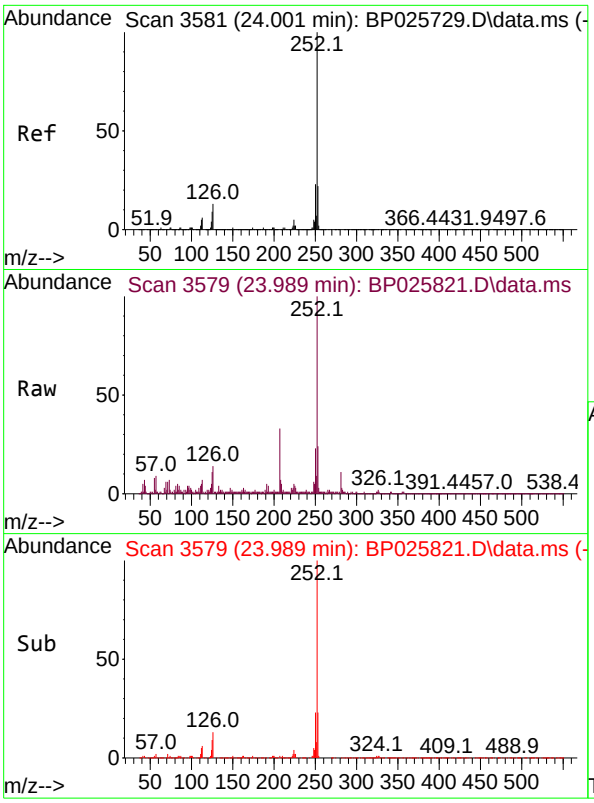


#88
Benzo(b)fluoranthene
Concen: 28.819 ng
RT: 23.930 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:252 Resp: 1576154

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	9.8	7.3	10.9



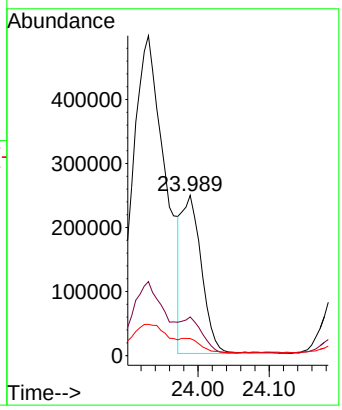


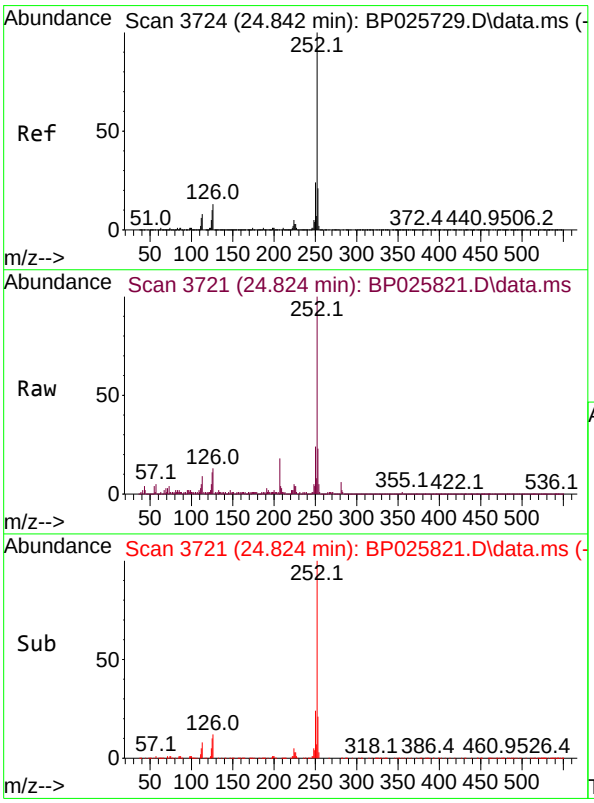
#89
Benzo(k)fluoranthene
Concen: 8.623 ng m
RT: 23.989 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:252 Resp: 481234

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	10.6	7.5	11.3

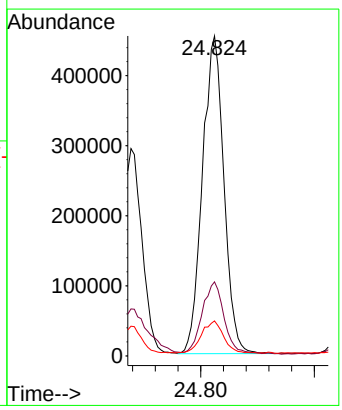


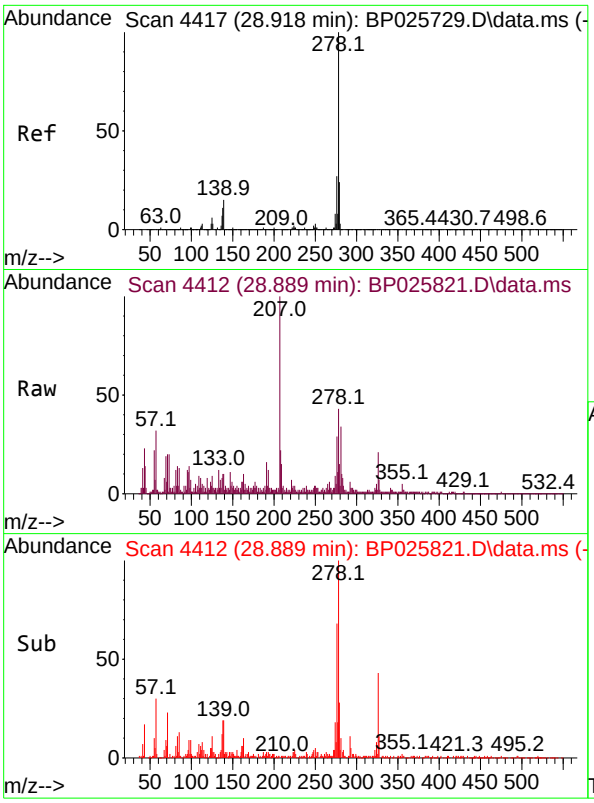


#90
Benzo(a)pyrene
Concen: 22.216 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.018 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:252 Resp: 1189858

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	10.9	8.3	12.5



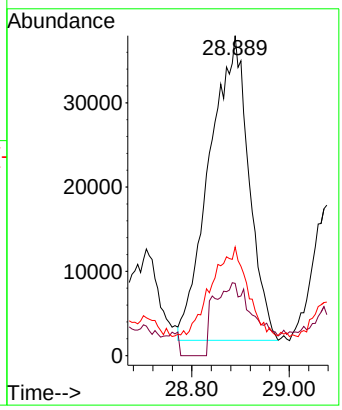


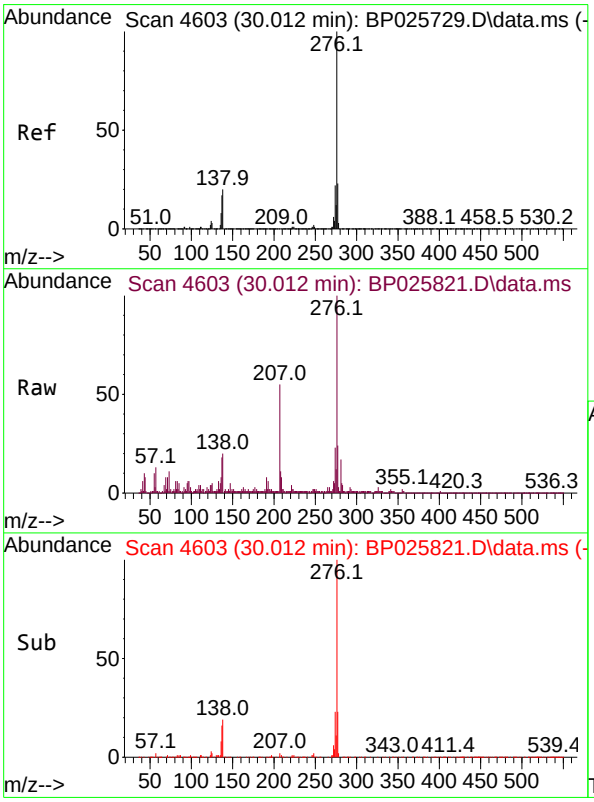
#91
Dibenzo(a,h)anthracene
Concen: 3.814 ng
RT: 28.889 min Scan# 44
Delta R.T. -0.029 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Instrument :
BNA_P
ClientSampleId :
OR-02-09182025

Tgt Ion:278 Resp: 202969

Ion	Ratio	Lower	Upper
278	100		
139	22.6	12.1	18.1#
279	33.9	19.6	29.4#





#92
Benzo(g,h,i)perylene
Concen: 14.778 ng
RT: 30.012 min Scan# 4603
Delta R.T. 0.000 min
Lab File: BP025821.D
Acq: 22 Sep 2025 20:34

Tgt Ion:276 Resp: 773519

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.7	28.1
138	20.1	16.0	24.0